

**Graduate School of Engineering Science Specialization and research field of supervisors**

October 2024 Revised

| Department                 | Unit                                    | Name                                        | Title           | Specialization<br>(M: Master's program)<br>(D: Doctoral program)                                                     | Research Field                                                                                   | Language<br>Requirements | Type of Students Accepted |          |
|----------------------------|-----------------------------------------|---------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------|---------------------------|----------|
|                            |                                         |                                             |                 |                                                                                                                      |                                                                                                  |                          | Doctoral                  | Master's |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>OKAZAKI Shinii</u></a>       | Professor       | Chemistry Applications and Life Science(M[PED only] D), and Energy and Sustainable Chemistry(M)                      | Sensor Engineering, Corrosion Engineering, Continuing Engineering Education                      | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>KANAI Toshimitsu</u></a>     | Professor       | Chemistry Applications and Life Science(MD)                                                                          | Optical Materials, Colloid Science, Microfluidics                                                | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>TAKAGAKI Atsushi</u></a>     | Professor       | Chemistry Applications and Life Science(M[PED only] D), Energy and Sustainable Chemistry(M) and Energy Materials(D)  | Catalyst Chemistry, Heterogenous Catalyst, Inorganic Material Chemistry                          | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>TAKAHASHI Koji</u></a>       | Professor       | Chemistry Applications and Life Science(MD)                                                                          | Strength of Materials, Materials Science and Engineering                                         | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>TAKEDA Minoru</u></a>        | Professor       | Chemistry Applications and Life Science(MD)                                                                          | Microorganisms, Enzymes, Glycoconjugates                                                         | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>FUKUDA Junii</u></a>         | Professor       | Chemistry Applications and Life Science(MD)                                                                          | Tissue Engineering and Regenerative Medicine                                                     | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>MITSUBISHI Shigenori</u></a> | Professor       | Chemistry Applications and Life Science(M[PED only] D), Energy and Sustainable Chemistry(M) and Energy Materials(D)  | Applied Electrochemistry                                                                         | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>YOSHITAKE Hideaki</u></a>    | Professor       | Chemistry Applications and Life Science(M[PED only] D), and Energy and Sustainable Chemistry(M)                      | Environmental Physical Chemistry, Materials Chemistry                                            | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>IJIMA Kazutoshi</u></a>      | Associate Prof. | Chemistry Applications and Life Science(MD)                                                                          | Biofunctional Chemistry, Biomedical Engineering, Biomaterials, Regenerative Medicine             | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>KURODA Yoshivuki</u></a>     | Associate Prof. | Chemistry Applications and Life Science(M[PED only] D), and Energy and Sustainable Chemistry(M)                      | Inorganic Synthetic Chemistry, Energy Materials                                                  | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>SUZUKI Atsushi</u></a>       | Associate Prof. | Chemistry Applications and Life Science(MD)                                                                          | Developmental Biology, Biochemistry, Mouse Genetics                                              | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>NAKAMURA Kazuho</u></a>      | Associate Prof. | Chemistry Applications and Life Science(MD)                                                                          | Membrane separation, Separation engineering, Environmental chemical engineering                  | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>NITTAMI Tadashi</u></a>      | Associate Prof. | Chemistry Applications and Life Science(MD)                                                                          | Biochemical Engineering, Environmental Engineering, Microbiology                                 | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>MATSUZAWA Koichi</u></a>     | Associate Prof. | Chemistry Applications and Life Science(M[PED only] D), and Energy and Sustainable Chemistry(M)                      | Applied Electrochemistry, Material of Energy Conversion                                          | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>MISUMI Ryuta</u></a>         | Associate Prof. | Chemistry Applications and Life Science(MD)                                                                          | Fluid Mixing and Agitation, Crystallization, Computational Fluid Dynamics, Transport Phenomena   | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>MUROMACHI Sanehiro</u></a>   | Associate Prof. | Chemistry Applications and Life Science(M[PED only] D), Energy and Sustainable Chemistry(M), and Energy Materials(D) | Gas hydrate, Energy process, Crystal engineering                                                 | Japanese or English      | ○                         | ○        |
| Chemistry and Life Science | Chemistry Applications and Life Science | <a href="#"><u>AIHARA Masahiko</u></a>      | Lecturer        | Chemistry Applications and Life Science(MD)                                                                          | Chemical Energy Engineering, Chemical Reaction Engineering , Membrane Separation, Green Hydrogen | Japanese or English      | ○                         | ○        |