

Master's Program Curriculum Map

General Required Courses (12)

Seminars and Discussions (4 semesters): 8 credits
Modern Chemistry Seminars (4 semesters): 4 credits

Required Courses in Major field (6) Elective courses from other fields (6)

Organic Chemistry Division - Choose two out of seven

Organic Spectroscopy / Organic Reaction Mechanism /
Topics in Organic Chemistry / Biochemistry / Topics in Biochemistry /
Advanced Biochemistry (I) (II) / Organic Reaction Mechanism

Inorganic Chemistry Division

Advanced Inorganic Chemistry (I) /
Advanced Inorganic Chemistry (II)

Physical Chemistry Division - Choose two out of seven

Chemical Kinetics / Quantum Chemistry /
Special Topics in Physical Chemistry /
Atomic and Molecular Spectroscopy / Chemical Thermodynamics

Analytical Chemistry Division - Choose two out of six

Advanced Analytical Chemistry (I) (II) / Advanced Polymer Chemistry /
Analytical Electrochemistry (I) (II) / Advanced Chemical Industries

Completion of relevant courses in " **Academic Ethics and Research Integrity Courses** " prior to the thesis oral defense.