

Graduate Programs

To complete their degree, all students enrolled in a Graduate Program at Nagoya University must produce a piece of original research. An academic supervisor guides them in designing a research project, collecting and analyzing data, and submitting a thesis or dissertation. When applying, everyone must submit a research proposal.

Global 30 International Graduate Programs			
Program	Affiliated School(s)	Degree	
		Master's	Doctoral
Automotive Engineering	Graduate School of Engineering	○	
Civil and Environmental Engineering	Graduate School of Engineering Graduate School of Environmental Studies	○	○
Earth and Environmental Sciences	Graduate School of Environmental Studies	○	○
Engineering Physics	Graduate School of Engineering	○	○
Physics and Mathematics	Graduate School of Science Graduate School of Mathematics	○	○
Chemistry	Graduate School of Science Graduate School of Engineering	○	○
Biological and Bioagricultural Sciences	Graduate School of Science Graduate School of Bioagricultural Sciences	○	○
	Graduate School of Medicine	○	
Medical Science	Graduate School of Medicine		○
Economics and Business Administration	Graduate School of Economics	○	
Linguistics and Cultural Studies	Graduate School of Humanities	○	
Japan-in-Asia Cultural Studies	Graduate School of Humanities	○	

Other International Programs			
Program	Affiliated School(s)	Degree	
		Master's	Doctoral
LL.M. (Comparative Law) and LL.D. (Comparative Law) Programs in Law and Political Science, Department of the Combined Graduate Program in Law and Political Science	Graduate School of Law	○	○
International Development and Cooperation Course	Graduate School of International Development	○	○
Nagoya University Global Environmental Leaders Program (NUGELP)	Graduate School of Environmental Studies Graduate School of Engineering	○	○
Young Leaders' Program (YLP) – Healthcare Administration Course of Master's Degree Program (Not open for general admission)	Graduate School of Medicine	○	

Contact

Global 30 International Graduate Programs

- Automotive Engineering Graduate Program
- Civil and Environmental Engineering Graduate Program
- Engineering Physics Graduate Program

Graduate School of Engineering
E-mail: admin-eng.g30@engg.nagoya-u.ac.jp

- Civil and Environmental Engineering Graduate Program
- Earth and Environmental Sciences Graduate Program

Graduate School of Environmental Sciences
E-mail: env@adm.nagoya-u.ac.jp

- Physics and Mathematics Graduate Program

Graduate School of Science, Graduate School of Mathematics
E-mail: ri-dai@adm.nagoya-u.ac.jp

- Chemistry Graduate Program

Graduate School of Science
Graduate School of Engineering
E-mail: ri-dai@adm.nagoya-u.ac.jp
E-mail: admin-eng.g30@engg.nagoya-u.ac.jp

- Biological and Bioagricultural Sciences Graduate Program

Graduate School of Science
Graduate School of Bioagricultural Sciences
Graduate School of Medicine
E-mail: kyomu@agr.nagoya-u.ac.jp
E-mail: iga-ryu@adm.nagoya-u.ac.jp

- Medical Science Graduate Program

Graduate School of Medicine
E-mail: iga-ryu@adm.nagoya-u.ac.jp

- Graduate Program in Economics and Business Administration

Graduate School of Economics
E-mail: international@soec.nagoya-u.ac.jp

- Graduate Program in Linguistics and Cultural Studies
- Japan-in-Asia Cultural Studies Graduate Program

Graduate School of Humanities
E-mail: hum@adm.nagoya-u.ac.jp

Other International Programs

- LL.M. (Comparative Law) and LL.D. (Comparative Law) Programs, Department of the Combined Graduate Program in Law and Political Science

Graduate School of Law
E-mail: law-kyomu@adm.nagoya-u.ac.jp

- International Development and Cooperation Course

Graduate School of International Development
E-mail: jim-u-q@gsid.nagoya-u.ac.jp

- Nagoya University Global Environmental Leaders Program

Graduate School of Environmental Studies
Graduate School of Engineering
E-mail: envleaders@urban.env.nagoya-u.ac.jp

- Young Leaders' Program (YLP) – Healthcare Administration Course of Master's Degree Program (Not open for general admission)

E-mail: iga-ryu@adm.nagoya-u.ac.jp

Nagoya University Graduate Programs



English-taught Programs



Engineering Physics Graduate Program



Automotive Engineering Graduate Program



Graduate Program in Economics and Business Administration



Civil and Environmental Engineering Graduate Program



Earth and Environmental Sciences Graduate Program



Chemistry Graduate Program



Biological and Bioagricultural Sciences Graduate Program



Medical Science Graduate Program



Graduate Program in Linguistics and Cultural Studies



Physics and Mathematics Graduate Program



Japan-in-Asia Cultural Studies Graduate Program

Graduate Programs Research Focus

Global 30 International Graduate Programs

Automotive Engineering Graduate Program (Master)

Vehicle Engines, Vehicle Design, Vehicle Dynamics and Control, Car Electronics, Intelligent Transportation Systems, Mechanical Science and Engineering, Electrical Engineering, Power Electronics, Energy Storage, Micro/Nanoelectronics, Information Systems, Micro-Nano Mechanical Science, Structure and Manufacturing, Aerodynamics and Propulsion, Flight Control, Environmental Issues and Recycling

Civil and Environmental Engineering Graduate Program (Master/Doctoral)

Engineering: Computational Mechanics, Seismic Design, Steel Structures, Concrete Material and Structure, Composite Structures and Materials, Structural and Multidisciplinary Optimization, Hydraulics, Transportation Planning, Intelligent Transport Systems, Energy and Environmental Policy and Impact Assessment, Land and Infrastructure Design, Structural-, Bridge-, Maintenance-, River-, Coastal and Ocean-, Geotechnical-, Geo-disaster Prevention-, Environmental-, Microbial Ecological Engineering

Environmental Science: Transportation Systems Analysis, Strategy for Local Transport Systems, Engineering of Environmental Systems, Environmental Economics, Environmental Emergency Management, Carbon Free, Safe, and Smart Society, Environmental System for Stock-type Society, Land, Urban and Mobility Design, Transportation-, Transport and Environmental-, Environmental and Sanitary Engineering

Earth and Environmental Sciences Graduate Program (Master/Doctoral)

Atmosphere, Hydrosphere, Cryosphere, Biogeochemical Cycles, Environmental Change, Climate Change, Drylands, Sustainability, Geology, Paleontology, Geophysics, Earthquakes, Volcanoes, Remote Sensing, Computer Simulation, Planetary Science

Engineering Physics Graduate Program (Master/Doctoral)

Condensed Matter, Quantum Materials, Optical-, Structural-, Biological-, Rheology-, Electron Beam Physics, Mathematical Engineering, Materials Physics in Nanoscale Systems, Frontier Computational Science, Magnetic-, High Pressure-, Electronic Functional-, Quantum Beam-, Nanospectroscopic Materials, Nanoelectronic Device, Spintronic Materials and Nanodevice, Materials Nanoscience and Design, Frontier Computational Material Science

Chemistry Graduate Program (Master/Doctoral)

Science: Materials Science (Chemistry): Organic Chemistry, Functional Organic Materials, Biochemistry, Noyori Laboratory, Inorganic Chemistry, Molecular Architecture, Bioinorganic Chemistry, Nano-Structured Materials, Photo-Physical Chemistry, Advanced Materials, Quantum Chemistry, Physical Inorganic Chemistry

Engineering: Organic Materials, Organic Reactions, Catalysis in Organic Synthesis, Physical Chemistry of Macromolecules, Organic Chemistry of Macromolecules, Catalyst Design, Functional Materials Engineering, Nanobio Analytical Chemistry, Chemical Biotechnology, Supramolecular Biochemistry, Chemical Genetics, Biochemical Engineering, Molecular and Bio-environmental Process, Structural Biotechnology, Organoelement -, Macromolecular Assembly -, Theoretical and Computational -, Structural and Functional -, Supramolecular-Polymer -, Material Design -, Functional Materials -, Porous Materials Chemistry

Physics and Mathematics Graduate Program (Master/Doctoral)

Science: Solid State-, Condensed-Matter-, Solid State-, Quantum Transport-, Solar and Space Physics-, Quark-Hadron Theory, Photobioenergetics, Nanomagnetism and Spintronics, Solid State Magnetic Resonance, Biomolecular Dynamics and Function, Cellular Signaling Biophysics, Magnetism, Theoretical Biophysics, Condensed-Matter Physics of Functional Materials, Computational Biophysics, Gravity and Particle Cosmology, Cosmology, Theoretical Astronomy & Astrophysics, Science of Complexity (Theory), Particle Properties, Radio Astronomy, Space Astronomy Laboratory (Infrared or High-Energy Astronomy Group), Galaxy Evolution, Science of Complexity (Experiment), Atmospheric and Environmental Science, Space Science – Experiment, Theoretical Nonlinear-, Theoretical Elementary Particle-, Theoretical Plasma-, Fundamental Particle-, High Energy-, Heliospheric Plasma-, Heliospheric High-Energy Physics

Mathematics: Combinatorial-, Analytic Number-, Algebraic Number-, Homotopy-, Elementary Particle-, Information-, Representation-, Type-, Graph-, Probability-, Quantum Information Theory, Operator Algebras, Partial Differential Equations, Differential Equations, Commutative/Non-Commutative/Non-Associative Algebra, Mathematical Physics, Mathematical Biology, Topology, General Relativity, Cosmology, Algebraic Topology, Statistical Mechanics, Condensed Matter Physics, Fluid Mechanics, Quantum Cryptography, Theoretical Computer Science, Programming Languages, Dynamical Systems, Numerical-, Fourier-, Functional-, Complex-, Algebraic-, Infinite-, Global Analysis, Arithmetic-, Algebraic-, Hyperbolic-, Differential-, Complex Geometry

Graduate Program in Linguistics and Cultural Studies (Master)

Linguistic Typology, Contrastive-, Cognitive-, Systemic Functional-, Japanese-, Interactional-, Eco-, Psycho-, Historical Linguistics, Grammaticalization and Language Contact, Pragmatics/Grammar Interface, Cognitive Processing of Languages, Second Language Acquisition, Conversation Analysis, Phraseology, Functional Grammar, Foreign Language Teaching, Semantics, Constraint-Based Syntax, Central Asian Languages, Phonetics, Multimodal Interaction, Bilingualism, Morphology, Critical Discourse Analysis, Early Modern Japanese, Literature and Print Culture, Comparative Literature, Translation, Criticism, Critical Theory, Romanticism, Postcolonialism, American Literature and Poetry, Modern Japanese Poetry, Concrete Poetry, World Animation, Sexuality Studies, Literature and Theory, Visual Culture, Subculture, Comparative History of Electrical Technology, History of Technology in Modern Japan, Ideophones, Sound Symbolism, Social Informatics, Social Psychology, New Media Study, Modern Japanese Popular Culture and Film, Feminist and Queer Theories, Critical Race Studies

Japan-in-Asia Cultural Studies Graduate Program (Master)

Japanese Transnational and Minority Literatures, Asian Cinema History, Critical Film Analysis, Japanese Cinema History, Literary Theory, Modern Japanese and East Asian History, Film Theory, History of Visual Culture, Japanese Literature and Translation, Japanese Literature and Gender, Modern Japanese Literature

Biological and Bioagricultural Sciences Graduate Program (Master/Doctoral)

Science: Developmental Cell-, Reproductive-, Chromosome Biology, Development and Growth Regulation, Molecular Neurobiology, Neural Circuit, Cell Regulation, CryoEM group in Group of Supra-molecular Structure, Biomembrane Functions, Signal Transduction, Plant Physiology, Plant Molecular Signaling, Animal Organ Functions

Bioagricultural Science: Forest Hydrology and Disaster Mitigation Science, -Environment and Resources, -Ecology, -Protection, -Resources Utilization, -Chemistry, Biomass Resource Utilization, Wood Physics, Timber Engineering, System Engineering for Biology, Plant Physiology and Morphology, -Signaling, -Genetics and Breeding, -Pathology, -Immunology, -Cell Function, -Metabolic System, -Gene Function, -Molecular Breeding, -Bioresource, Resources Cycling in Pedosphere, Crop Science and Stress Regulation, Horticultural Science, Field Information Agronomy, Food Economics, Tropical Bioresources, Genetic Information for Bioresources, Practical Studies in Africa/Asia, Genome and Epigenome Dynamics, Animal Morphology, -Genetics and Breeding, -Integrative Physiology, -Reproduction, -Nutrition, -Production Science, -Cell Function, Avian Bioscience, Fish Biology, Sericulture and Entomoresources, Applied Entomology, Organic Chemistry, Bioactive Molecules, Chemical Biology of Natural Products, Polymer Chemistry, Food and Biodynamics, Applied Enzymology, Molecular Biotechnology, Molecular and Cellular Regulation, Molecular Bioregulation, Animal Cell Physiology, Nutritional Biochemistry, Soil Biology and Chemistry, Applied Microbiology, Biochemistry, Molecular and Functional Genomics, Photosynthesis Research, Developmental Signaling Biology, Metabolic Balance of Ecosystem

Medical Science Graduate Program (Doctoral)

Biological Chemistry, Microbiology and Immunology, Advanced Medical Science, Aging Research, HIV and AIDS, Cell Science, Neuroscience, Oncology, Higher Nervous Control, Regulation of Organ Function, Molecular and Cellular Adaption, Neurochemistry, Anatomy and Cell Biology, Pathology, Development, Cancer Genetics, Social Life Science, Health Promotion Medicine, Epidemiology, Internal-, High-Technology Application Medicine, Clinical Neuroscience, Head and Neck and Sensory Organ Medicine, Surgery, Musculoskeletal and Cutaneous Surgery, Biomedical Regulation, Clinical Management Medicine, Medicine in Growth and Aging, Comprehensive Management Medicine, Molecular Pharmacology, Clinical Pharmacology

Graduate Program in Economics and Business Administration (Master)

Industrial Organization, Islamic Accounting, Health -, Agricultural -, Mathematical -, Public -, Information -, Resource/Environment -, Monetary -, Development -, International Economics, Economic History, History of Science and Technology, Macroeconomics, Banking, Finance, Economic Integration, History of Economic Thought, Political Economy, Public Finance, Tax Policy, Econometrics, Industrial Organization, History of Social Policy in Germany, Scheduling, Global HRM, Financial Accounting, Corporate Finance, Management Accounting, Comparative Economic System, Management Strategy, Organization -, Human Resource -, Cost -, Production -, Small and Medium Size Enterprise Management