

## Research Institutes

Institute	Department	Mission
Institute for Materials Research (National Collaborative Research Institute)	28 divisions	Experimental and Theoretical Studies of New Materials and their applications
Institute of Development, Aging and Cancer	6 divisions	Basic and Clinical Studies of Cancer and Brain Diseases related to the aging process
Institute of Fluid Science	5 divisions	Theoretical and Experimental Studies of Fluid Flows
Research Institute of Electrical Communication (National Collaborative Research Institute)	5 divisions	Theory and Application of Intelligent Information Science and Communications
Institute of Multidisciplinary Research for Advanced Materials	5 divisions	Systematic and Futuristic Studies of a New Generation Concepts, Methodologies and Processes

## Inter-Department Institutes for Education and Research

Institute	Mission
Center for Northeast Asian Studies	Referring to areas on North and East Asia, including Japan where the regional interdisciplinary and integrated studies are carried out.
Center for the Advancement of Higher Education	Plan, promote, and support research development, and to raise the level of educational knowledge and pedagogy in the universities.
The Center for Academic Resources and Archives	To collect and store scholarly materials belonging to the University, include specimens and records relating to the University's history; to preserve biological resources grown within the Botanical Gardens; and to carry out research pertaining to these scholarly materials and biological resources, thereby contributing to education and research at the University while also disseminating and making available such knowledgeable materials widely for the advancement of education in society.
Institute for International Advanced Research and Education	In cooperation with the University's various graduate schools, it conducts, plans, and supports educational research and development based on research findings in new fields created through the fusion of academic disciplines. Its aim is to create integrated knowledge and nurture young researchers who can compete internationally.
Cyclotron and Radioisotope Center	To conduct research studies in various energy fields using the cyclotron and high-level, short-lived radioisotopes, as well as to carry out training in the safe handling of radiation and radioisotopes. Interdisciplinary research is carried out in nuclear biology with an accelerator and instrumentations, as well as in radiopharmaceutical chemistry, cyclotron nuclear medicine, and radiation protection and safety control.
New Industry Creation Hatchery Center (NICHe)	To respond to society by creating new technologies and products as well as by exploring new uses and industries. Original and cutting edge research is carried out in collaboration with industry.
Center for Interdisciplinary Research	Conduct interdisciplinary studies in unexplored areas and to further internationalism by creating innovative new fields of study.
Technology Center for Research and Education Activities	Establish large-scale research facilities which contribute to the advancement of research and education. To manage these facilities in order to make them available for common use by faculty and other qualified persons, and to offer a stable supply of low-temperature liquid and providing guidance in cryogenic technology.
Information Synergy Organization	Practical research on and design and operation of cyber infrastructure based-on high-performance computing, networking and the information-related technologies to promote the use of advanced information technology in research and education.



Laboratory for Nanoelectronics and Spintronics of RIEC and Laboratories for Advanced Materials Research of IMRAM



New Industry Creation Hatchery Center (NICHe)