

Okayama University Priority Research Fields

Approved by the Education and Research Council on October 17, 2018

Research Fields		
Primary Areas	Secondary Areas	Tertiary Areas
Area of Basic Science Creating Advanced Knowledge	Dynamics of Civilizations/Environment	Dynamics of Civilizations
		Dynamics of Environment
	Advanced Mathematical & Physical Sciences	Earth and Planetary Materials Science
		Algebras
		Particle and Astrophysical Sciences
		Molecular Properties of Water
		Super Conductor
	Plant Science	Clarification of Photosynthetic Mechanism and Artificial Photosynthesis
		Plant Science and Resources
		Molecular Biology for Gene Translational Control
	Animal Science	Behavioral Neuroscience
		Animal Physiology & Developmental Biology
	Advanced Measurement & Analytics Technologies	Analytical Chemistry
		Biological Optical Analysis & Optical Operation Technology
	Area of Innovation Contributing to SDGs	Advanced Materials Science & Nanotechnology
Organic Materials		
Integrated Research with Biotechnology		
Polymer Materials for Sustainable Development		
Agricultural Science		Genetics and Breeding & Cultivation Physiology
		Plant Protection Science
		Animal Production Science
ICT for Supporting Society 5.0		Mathematical Model & Simulation Technology
		Information Security
		Big Data Analytics Technology
Innovative Materials & Next Generation Device Technology		Innovative Materials & Technology for Device Creation
		Next Generation Mobility Technology
		Environmental Preservation & Environmental Restoration Technology
Environmental Preservation & Environmental Restoration Technology		Environmental Preservation
		Environmental Restoration Technology
Area Research & Policy Research		Area Research
		Policy Research
Area of Medical Research for Clinical Applications	Strategic Medical Administration Research	A Group Focusing on the Formation of Research Bases Determined by the Research and Development Strategy Committee of the Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, etc.
	Advanced Medical Research	Organ Regeneration Biology
		Advanced Cancer Therapy
		Advanced Dentistry
		Advanced Pharmaceutical Science
		Assisted Reproductive Technology
	Development of Advanced Medical Technology & Welfare Technology	Extension of Healthy Life-Span & Clinical Preventive Services
		Development of Materials, Devices, and Systems for Advanced Medicine
	Platform Supporting Advanced Medicine	Biobank
		Molecular Imaging

SDGs is an abbreviation for Sustainable Development Goals.