

14. Selection of Research / Education Programs

14-1. Selection of Research Programs

The Center Project Selected for the First Time in FY2013

■ Grants for Promoting the Enhancement of Research Universities

Project Name	Chief Executive Officer	Period
Program for Promoting the Enhancement of Research Universities	President of Kyushu University, Tatsuro Ishibashi	FY2013-FY2022

The Center Project Selected for the First Time in FY2014

■ Enhancing Development of Global Entrepreneur (EDGE) Program

Program Name	Project Director	Period
Kyushu University Enhancing Development of Global Entrepreneur Program	Specially Appointed Professor, Toru Tanigawa, Robert T. Huang Entrepreneurship Center	FY2014-FY2016

The Center Project Selected for the First Time in FY2015

■ Grants for Research Support System Development Projects

Project Name	Administration Director	Period
University Research Administrator Development Project (Development of a Research Administration System)	Executive Vice President and Senior Vice President, Masato Wakayama	FY2015-FY2016 (FY2012-FY2014)

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Initiative for Realizing Diversity in the Research Environment	President of Kyushu University, Chiharu Kubo	FY2015-FY2020

The Center Project Selected for the First Time in FY2016

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Leading Initiative for Excellent Young Researchers	President of Kyushu University, Tatsuro Ishibashi	FY2016-FY2023

The Center Project Selected for the First Time in FY2017

■ Strategic Program for Promoting Translational Research

Project Topic Name	Project Manager	Period
Research and Development of Innovative Medical Technologies for Global Deployment That Link Centers with the Surrounding Region	Director General, Center for Clinical and Translational Research, Koichi Akashi	FY2017-FY2021

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Enhancing Development of Global Entrepreneurs for the NEXT Generation (EDGE-NEXT) Entrepreneur Development Program based on Diversity and Creative Collaboration (IDEA: Innovation x Diversity x Entrepreneurship Education Alliance)	Faculty of Economics, Department of Business and Technology Management, Professor/ Director General, Robert T. Huang Entrepreneurship Center, Megumi Takata	FY2017-FY2021

• Programs selected for the first time from 2014 onward are listed. Programs before that time are also listed, if still continuing.

Source: Data from each Department

14-1. Selection of Research Programs (Continued)

The Center Project Selected for the First Time in FY2018

None

The Center Project Selected for the First Time in FY2019

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Initiative for Realizing Diversity in the Research Environment (Vanguard)	President of Kyushu University, Tatsuro Ishibashi	FY2019-FY2024

The Center Project Selected for the First Time in FY2020

■ World Premier International Research Center Initiative (WPI) Academy Project Acceleration and Expansion

Institution Name	Director	Period (Planned)
International Institute for Carbon-Neutral Energy Research	Professor, Petros Sofronis	From FY2020 onward

■ Moonshot-type Research & Development Project

Research & Development Project Name	Project Manager	Period (Planned)
“Beyond Zero” Research & Development Aimed at a CO ₂ Circulation System Society	International Institute for Carbon-Neutral Energy Research, Chief Professor, Shigeki Fujikawa	FY2020-FY2029

The Center Project Selected for the First Time in FY2021

■ Advanced Research Infrastructure for Materials and Nanotechnology

Institution Name	Person in Charge of Implementation	Period (Planned)
Center for Innovative Materials DX	The Ultramicroscopy Research Center, Professor, Yasukazu Murakami	FY2021-FY2030

■ Human Resource Development Program for Science and Technology

Program Name	Project Director	Period
Initiative for the Implementation of the Diversity Research Environment (Survey and Analysis)	President of Kyushu University, Tatsuro Ishibashi	FY2021-FY2022

■ Center for Advancing Translational Research (CATR)

Institution Name	Director	Period (Planned)
Realization Hub for Biomedical Innovation	Senior Vice President, Koichi Akashi	December 20, 2021 onward

The Center Project Selected for the First Time in FY2022

■ Translational Research Program

Project Topic Name	Project Manager	Period (Planned)
Multidisciplinary, Multidomain, Multiregional Research and Development Integration of New Medical Technologies from Japan	Senior Vice President, Koichi Akashi	FY2022

■ Translational Research Program (Project for Promotion of Interdisciplinary Collaborative Research and Developmental Initiatives)

Project Topic Name	Project Manager	Period
Establishment of the Transdisciplinary Research Platform based on “Integrative Knowledge”	Senior Vice President, Koichi Akashi	June 1, 2022 - March 31, 2025

• Programs selected for the first time from 2014 onward are listed. Programs before that time are also listed, if still continuing.

Source: Data from each Department

14-2. Selection of Education Programs

The Center Project Selected for the First Time in FY2011

Program Name	Department Responsible	Initiative Name	Initiative Period
Subsidy Program for the Development of Centers for Training Policymakers etc.	Center for Science, Technology and Innovation Policy Studies	Science for RE-designing Science, Technology and Innovation Policy (SciREX) Project to Develop Hub Institutions for Fundamental Research and Human Resource Development	FY2011-FY2025

The Center Project Selected for the First Time in FY2014

Program Name	Department Responsible	Initiative Name	Initiative Period
Global Science Campus	School of Science, School of Engineering, School of Design, School of Agriculture	Future Creators in Science Project	FY2014-FY2017
Problem-Solving Oriented Training Program for Advanced Medical Personnel	School of Medicine	Practical Skill Enhancement-Oriented and Team-Based Medical Care Acceleration Program	FY2014-FY2018
Top Global University Project	University-Wide	Strategic Hub Area for Top-Global Research and Education (SHARE-Q)	FY2014-FY2023

The Center Project Selected for the First Time in FY2015

None

The Center Project Selected for the First Time in FY2016

Program Name	Department Responsible	Initiative Name	Initiative Period
Re-Inventing Japan Project	Interdisciplinary Graduate School of Engineering Sciences	Cooperational Graduate Education Program for the Development of Global Human Resources in Energy and Environmental Science and Technology-A New Challenge	FY2016-FY2020
	Graduate School of Human-Environment Studies	Cooperative Educational Program for Fostering Human Resources to Lead Development of Sustainable Urban and Architectural Environment in Asia	FY2016-FY2020

The Center Project Selected for the First Time in FY2017

Program Name	Department Responsible	Initiative Name	Initiative Period
Project for Human Resource Development of Advanced Medical Innovation	Graduate School of Medical Science, Graduate School of Pharmaceutical Sciences	Kyushu Promotion Plan for the Platform of Human Resource Development for Cancer	FY2017-FY2021
Project of Human Resource Development for Nuclear Energy	Faculty of Engineering	Enhancement of Kyushu University Nuclear Engineering Curriculum with Emphasis on Regulations and Comprehensive Thinking	FY2017-FY2021

The Center Project Selected for the First Time in FY2018

Program Name	Department Responsible	Initiative Name	Initiative Period
Training Data Scientists to Realize a Super-Smart Society	Graduate School of Information Science and Electrical Engineering	Advanced Data Science Education Program Minor by the Kyushu Consortium	FY2018-FY2022

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Source: Data from each Department

14-2. Selection of Education Programs (Continued)

The Center Project Selected for the First Time in FY2019

Program Name	Department Responsible	Initiative Name	Initiative Period
Joint Usage Education Center	Faculty of Arts and Science	Institution for Center for the Future Development of Education	FY2019-FY2023

The Center Project Selected for the First Time in FY2020

Program Name	Department Responsible	Initiative Name	Initiative Period
Inter-University Exchange Project	Graduate School of Engineering	An Innovative Program for Development of Core Human Resources for Smart Mining to Lead Sustainable Resource Development in Southern Africa (*Representative University: Akita University, Affiliated University: Kyushu University)	FY2020-FY2024
WISE Program (Doctoral Program for World-Leading Innovative & Smart Education)	Graduate School of Mathematics	Graduate Program of Mathematics for Innovation (GPMI)	FY2020-FY2026
Plus-DX (a Plan for Universities/ Colleges Aiming for a Smart-Campus through Digital Transformation in the Current/ Post COVID-19 Crisis)	Learning Analytics Center	Kyushu University, "Educational DX" - Implementation of Learner- Centered Learning, based on Learning Analytics. We will Promote Educational DX for Kyushu University	FY2020-FY2021
	Innovation Center for Educational Resource	Kyushu University "DX in Education" Project - Improving the Quality of Learning through the Use of Advanced ICT -	FY2020-FY2021
JST, the Establishment of University Fellowships towards the Creation of Science Technology Innovation	Graduate Schools of Information Science and Electrical Engineering, Engineering, Sciences, and I2CNER	Kyushu University Innovator Fellowship	FY2020-FY2027

The Center Project Selected for the First Time in FY2021

Program Name	Department Responsible	Initiative Name	Initiative Period
Inter-University Exchange Project	Interdisciplinary Graduate School of Engineering Sciences	Cooperational Graduate Education Program for the Development of Global Human Resources in Energy and Environmental Science and Technology - Expansion to ASEAN -	FY2021-FY2025
	Graduate School of Human-Environment Studies	Cooperative Educational Program for Fostering Human Resources to Lead Sustainable Development of Recycle-Based Zero-Emission Urban and Architectural Environment in Asia	FY2021-FY2025
Support for Pioneering Research Initiated by the Next Generation	University-Wide	Open Platform Fostering System for Ph.D. Students Who will Open up the Future	FY2021-FY2027
Project to Foster Highly Specialized Human Resources Driving Industry DX by Integrating Digital and Specialized Fields	School of Agriculture, Graduate School of Bioresource and Bioenvironmental Sciences	DNA Human Resource Development Program to Drive DX in Agriculture, Livestock, Fisheries, Food and Biotechnology Industries in the near Future (DNA: Digital Native in Agriculture)	FY2021-FY2022
Project for Training Medical Personnel to Handle New Healthcare in the COVID-19 Era	School of Dentistry, School of Pharmaceutical Sciences	Kyushu University Project for Training Medical Personnel to Handle New Healthcare in the COVID-19 Era	FY2021-FY2022
Approved Program for Mathematics, Data Science and AI Smart Higher Education	Education and Research Center for Mathematical and Data Science	Kyushu University Data Literacy Program	FY2021-FY2025

The Center Project Selected for the First Time in FY2022

None

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Source: Data from each Department