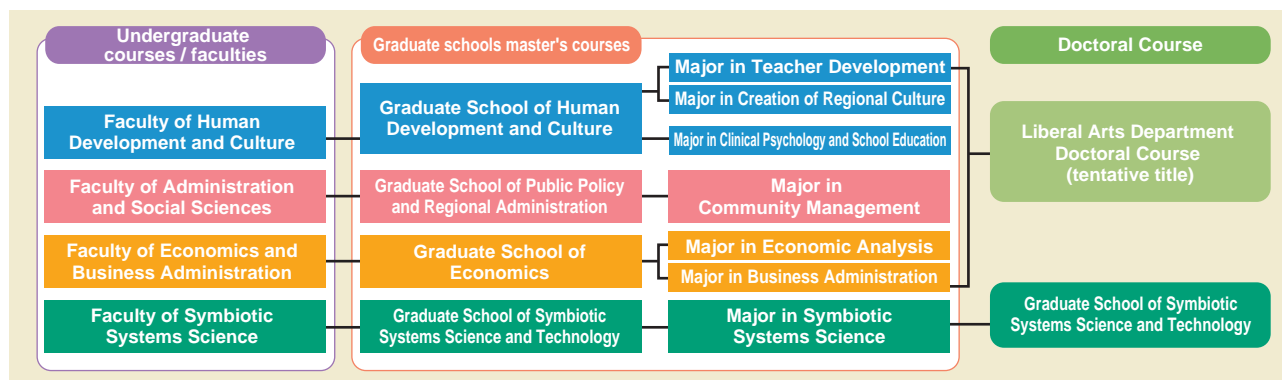


# Graduate Schools

Four research programs engaged in problem solving from an interdisciplinary perspective and exploration in highly specialized academic fields.



## Graduate School of Human Development and Culture

The Graduate School of Human Development and Culture was newly established in the 2009 academic year, based on the foundations of the previous Education Research program, to proactively respond to the variety of needs surrounding human resource development and education of a regional society that supports the 21st Century.

At the base of this endeavor is a bachelor's program in the Faculty of Human Development and Culture that aims to develop educators and facilitators of human development to play a varied and active role, and tackles the training of regional human resources starting with school education. Our research program deepens the academic research carried out in the undergraduate faculty regarding *education* and *human development* as well as the underlying current of cultural research. We build on this research foundation by fostering *experts in education, development and regional support*, who are equipped with highly specialized knowledge and the ability to respond to contemporary educational challenges. Following these aims, we explore lifelong human development and its surrounding issues. We also investigate culture as a creation of human mental activity and culture as the surrounding environment for human development. Through this work we respond to various challenges presented on the ground in educational settings and enhance interdisciplinary education and research at the graduate school. We also actively engage in fieldwork where appropriate, to comprehensively respond to individual challenges and foster practical strengths in each graduate. Further, the *Clinical Psychology in Educational Settings* program is offered as a daytime and evening program to train clinical psychologists.

This Graduate School is composed of three majors and nine domains.

### ■ Major in Teacher Development (School Education Domain, Curriculum Development Domain)

We are engaged in further specializations for educators, with a focus on practicing professionals. *Education, Educational Psychology, Early Childhood Education, Special Needs Education and Curriculum Development* are the major areas encompassed in this major. While keeping societal conditions that surround schools in our vision, we engage in a broad array of research pertaining to educational activity, character building and teaching material development.

### ■ Major in Creation of Regional Culture (Japanese and English Language and Culture Domain, Regional Lifestyles and Culture Domain, Mathematics and Science Domain, Sports and Health Sciences Domain, Arts and Culture Domain)

Drawing on highly specialized research in each domain, we are engaged in a multitude of regional issues, with a firm understanding of the cross-disciplinary and layered structure of challenges that lie within, and pursue interdisciplinary practical and solution-oriented research that takes into account the real relationships between humans and culture or humans and society.

### ■ Major in Clinical Psychology and School Education (Clinical Psychology Domain, Clinical Psychology in Educational and Welfare Settings Domain)

We are engaged in researching school psychology and clinical policy that links schools, families, the community and various specialized institutions to effectively lead, aid and support children, young adults and their families in dealing with bullying, truancy and misconduct, or those who have special needs due to developmental disabilities and other causes.

## Graduate School of Public Policy and Regional Administration

Furthering the interdisciplinary training and research carried out in the Faculty of Administration and Social Sciences, this program examines a multitude of issues facing regional society, such as decentralization, welfare, gender equality, community building, environment, education, non-profit organizations and globalization, from a multilateral perspective, and explores ways of resolving these issues.

Currently there are five study areas of Regional Administration, Social and Economic Legislation, Foundational Administrative Legislation, Social Planning, and Regional Culture and a wide variety of subjects are offered. Also, the program includes an *Introduction to Local Policy Science* where students attain basic literacy relating to research concepts, and *Special Research on Localities* which stretches beyond the academic field and focuses on a specific locality to conduct field work. We envisage a broad range of backgrounds in our student body composition which include graduates of the Faculty of Administration and Social Sciences, and also local government officials, homemakers, self-employed people, office workers, nurses, and teaching staff, who all deliberate and seek out resolutions for various issues in regional society.

This research program is composed of five different academic fields.

### ■ Regional Administration

This subject group deals with research in basic theories in administration and politics, as well as investigating local government administration that conforms to specific systems and realities from a legal and political perspective.

### ■ Social and Economic Legislation

This subject group handles research on social and economic issues in regional societies from a legal perspective.

### ■ Foundational Administrative Legislation

This subject group handles theoretical and tangible research on the legal systems that form the basis for regional administration.

### ■ Social Planning

With a firm grasp on the basic structures of society, and also the structures and issues in regional society that are based on this, in this subject group research is carried out on the social planning that is essential to rebuilding and revitalizing local communities, especially from the perspective of instating policy regarding these matters.



### ■ Regional Culture

In this study group, research is carried out into methods that embrace the various aspects of local society based on regional lifestyles as regional culture, and in addition theoretical and verifiable research is carried out relating to social information.

### Tokyo Satellite

In order to bring people's attention to the state of affairs in Fukushima and gather domestic and international wisdom in Fukushima, the Public Policy and Regional Administration Program (Masters Program) has opened a Tokyo Satellite within the Ikebukuro Campus of Rikkyo University. Nationally renowned lecturers deliver the curriculum with staff from the Public Policy and Regional Administration program, which leads to a *Policy Challenges Program (Disaster and Recovery)* certificate. The Public Policy and Regional Administration program aims to develop human resources for recovery from the capital region through the Tokyo Satellite initiative.

## Graduate School of Economics

This graduate school aims to develop highly trained professionals with specialist knowledge and research capabilities in economics and business administration. It comprises two majors (Economics and Business Administration) and four courses.

Under the new curriculum that was introduced in the 2010 academic year, we have established a *Specified Research Topics for Practitioners* model designed to help people from the workforce to develop practical and applicable skills. This academic model does not require a Masters Thesis for graduation and is based on an accumulation of reports and surveys conducted by workers in companies and other institutions, and a research report on a specified topic related to their occupational and practical experience. This model exists alongside the more conventional course where a Masters Thesis is required, so the student can choose the most appropriate study model for them. Also, responding to the need for ongoing education among those in the workforce, we offer courses at the Koriyama Campus, provide a night and day curriculum, and have adopted long-term academic programs. We use external lecturers who are at the forefront of the business and economics fields to enhance our lecture program.

### ■ Economics and Economic History Course

This course provides a deep understanding of economics based on economic theory, empirical research methods and historical perspectives. The aim of this course is to develop human resources with the ability to plan projects and policy from a theoretical view of economics, to deal with various problems arising from the tumultuous contemporary economy.

### ■ International Economics and Business Management Course

This course is characterized by its dual approach to the current global economic situation and its movements, and trends in corporate strategies within this economic environment, from a business administration and economics perspective. Economics and business administration related-subjects are offered for this course.

### ■ Regional Economics and Business Management Course

This course is designed to respond to the needs for research on regional promotion and community building taking into account trends in regional companies, research on the strategic development of regional companies based on current trends in regional politics and economies, and research on the various issues that regional companies and local government face on the ground in regional society. Economics and business administration related-subjects are offered for this course.

### ■ Business Administration and Management Course

This course combines accounting and business administration to develop abstract thinking and practical management abilities in regards to the various issues encountered in business management. We aim to

develop business leaders and managers with excellent problem solving capabilities, and to train accounting specialists. We are also able to train commerce teachers with a high degree of educational proficiency for senior high schools, and can provide professional development for practicing commerce teachers and those currently employed in institutions supporting small and medium businesses.

## Graduate School of Symbiotic Systems Science and Technology

Maintaining a keen awareness of research activities in the three majors in the undergraduate faculty, this graduate school is composed of six areas at the Masters level and 3 domains at the Doctorate level. Students belong to one of these areas or domains, where they deepen their expertise while cultivating a broad knowledge base through organically developing links with other areas and domains.

We are proactive in accepting international students and people in the workforce and contribute to scientific and technological development in the region and the world. Further, we hold corporate workshops and engage in collaborative research. This structure enables us to contribute to society. We have sophisticated research facilities for the science of the symbiosis of humans, industry and the environment, to support research on current social challenges facing the three research domains of human support, recycling-oriented industry systems and hydrological cycles in water catchments.

### ● Masters level (6 areas)

#### Human-Machine System Area

We are engaged in research on sciences for understanding humanity, human interface, human support mechatronics and industrial mechatronics.

#### Industrial System Area

We research production logistics systems, MOT, economic information systems, logistics systems and manufacturing process engineering.

#### Environment System Area

Our area is involved in research on atmosphere, water, soil and habitat environmental analysis, purification, management and planning.

#### Mathematics and Information Technology Area

We research system control, mathematical models, knowledge software and information system building and management.

#### Material Science Area

Our area researches the science of metallic, ceramic and polymer materials, inorganic and organic material creation, and bioengineering.

#### Renewable Energy Area

We are engaged in researching renewable energies, resource and energy conservation and supply and demand analysis of energy resources.

### ● Doctorate level (3 domains)

#### Symbiotic Machine Systems Domain

Sophisticated research is pursued in the science of understanding humans, mechatronics, and information and computer sciences.

#### Industry Symbiosis Systems Domain

Sophisticated research is pursued in the fields of resource materials and energy, biotechnology and other engineering fields, foundation of mathematics and information, industrial policy, management of technology (MOT), production management and other fields.

#### Environmental Symbiosis Systems Domain

An accurate understanding of the current state of the environment forms the basis of sophisticated research to develop practical conservation and purification technologies and improve environmental management and planning.