



Graduate School of Comprehensive Scientific Research Prefectural University of Hiroshima



Program in Human Culture and Science

人間文化学専攻

Program in Management and Information Systems

経営情報学専攻

Program in Biological System Sciences

生命システム科学専攻

Program in Health and Welfare

保健福祉学専攻

The Graduate School of Comprehensive Scientific Research was established with the aim of being a "world-class university rooted in the local community" consisting of four programs of comprehensive academic study and research: Human Culture and Science, Management and Information Systems, Biological System Sciences, and Health and Welfare.

- Our goal is to cultivate human resources who are "active in the local community" and "capable of functioning internationally" combining both a wide perspective with practically applicable capabilities. To that end, we have enhanced our educational and developmental functions to cultivate excellent academics and high-level professionals, as well as ensuring the possibility of high-level education for working professionals.
- We perform advanced study and research, rooted in the local community, which flexibly corresponds to the needs of society in this period of history, recycling the results back into the community.

- Integrated formation of leading-edge researchers and high-level professionals
Our masters programs focus on creating high-level professionals while our doctoral program (first/second terms) cultivates academic researchers, all contained in a single graduate school.
- Course curriculum capable of creating human resources with a broad perspective.
 - Our programs recognize credits in a variety of courses from outside of one's program in order to instill researchers with practical know-how (such as bio-venture startup), so they can acquire knowledge in other areas as a means to foster germination of new interdisciplinary fields of research.
 - We have established an "internal study-abroad system" allowing students to partially receive thesis advice from professors of other majors.
- In order to ensure educational possibilities for working professionals, we have introduced a long-term study system that permits students to take courses in a systematic manner allowing them to exceed the standard length of time to complete a degree.

To Master Ever Higher Levels of Scholarship as the Leading Edge of this Generation

[Masters Program, Doctoral Program (First Term)]

Program in Human Culture and Science (Masters Program)

This program consists of integrated and interdisciplinary study and research focusing on four main fields to provide students with an understanding of the modalities of human life, from cultural and scientific perspectives, which are required to maintain a lifestyle that is healthy in mental, physical and social terms, within our complex modern era characterized by internationalization, diversification of values, aging population and declining birth rates. We actively promote providing working professionals with educational opportunities and accepting foreign students.

Configuration of Research Fields

Linguistic Culture Research Area

This area consists of study and research focused on clarifying, in historical and organizational terms, the features of cultures constructed through languages such as English, Korean, Chinese and Japanese, and covers the field of literature as a tangible representative of each language.

Sociocultural Research Area

This area consists of the political, economic and social international interrelationships that have been created in various regions, as well as lifestyle modalities and values, studied from an analytical standpoint providing spatial perception of the distribution of various phenomenon, and cultural inheritance and transmission in order to cultivate a comprehensive understanding of society and culture.

Nutritional Science Research Area

This area involves specialized study and research of the nutritional mechanisms related to the prevention of illness and recovery. It includes the cultivation of the ability to evaluate and determine health/nutritional problems, such as those specific to regions or workplaces, by the era in which they occur, in order to foster the development of practical leaders capable of providing comprehensive nutritional management for health, medical care and nursing systems.

Health Management Research Area

This area involves specialized study and research regarding health management aimed at preventing illness and promoting good health mainly from a preventive perspective (preventive medicine). It aims to cultivate human resources with the advanced specialized capabilities for resolving present-day problems related to health maintenance and enhancement from a preventive medicine standpoint.

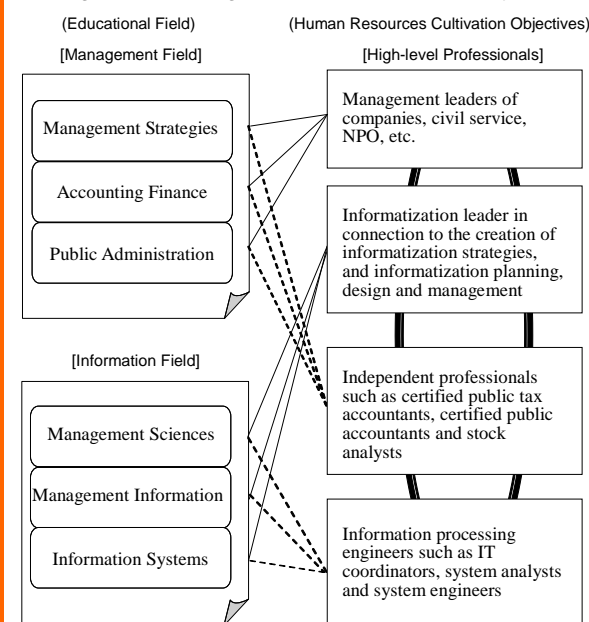
Program Features

- Fall entry system
- Program open to foreign students
- Classes held in the afternoon, evening and on Saturdays

Program in Management and Information Systems (Masters Program)

Combining the fields of business administration and information sciences, this program provides educational research of advanced knowledge from management and information fields with the aim of cultivating high-level professionals. The management field focuses research on various problems facing a wide variety of management structures including companies, governments and NPOs, with the objective of cultivating human resources with the practical capabilities to promote the creation of new industries and new projects. Considering that informatization is the source for reforming management and creating next-generation corporate values, the information field aims to cultivate human resources with the practical and technical capabilities for creating informatization strategies, and informatization planning, design and management.

Human Resources Cultivation Objectives of the Program in Management and Information Systems



Program Features

- Focusing on the most recent management theory and the learning of management/information skills
- Interdisciplinary graduate education thoroughly imbued with management and information
- One-year program orientated for working professionals
- Graduate education/research that is open to the local community
- Classes held in the afternoon, evening and on Saturdays

Program in Health and Welfare (Masters Program)

This program focuses on technical, theoretical and social issues related to health, medical and welfare fields with the aim of mutual cooperation and integration. It also contributes to the local community by cultivating specialists with a rich academic background and highly specialized skills, and through research results.

Configuration of Fields/Areas

This program covers a variety of areas and fields in order to correspond to the various issues related to health, medical and welfare fields.

- Community health/Practical nursing field
- Comprehensive rehabilitation field
 - Area of movement/behavioral disorders studies
 - Area of work execution disorders studies
 - Area of communication disorder/neurological studies
- Human services field

Program Features

- Provides a variety of courses focused on the coordination and integration of health, medicine and welfare
- Actively accepts working professionals and graduates of two-year colleges
- Satellite campus established at Hiroshima Campus
 - Distance learning system established between Mihara and Hiroshima campuses
 - Graduate research rooms established at Mihara and Hiroshima campuses
- Classes held in the afternoon, evening and on Saturdays
- Contributes to local community through graduate education and research



Program in Biological System Sciences (Doctoral Program, First Term)

This program aims to cultivate world-class leading-edge technologists by providing guidance topic contents related to Masters thesis research and education that serves as a basis for such research. It also provides detailed educational contents related to the knowledge, techniques and information for a multifaceted approach to research in the biological system sciences.

Configuration of Research Fields

Molecular Life Science

This field examines biology at the biomolecular level, such as proteins, sugars, fats and genes, and also clarifies cellular activities and biological functions with the goal of applying the results of such research.

Biofunctional Science and Technology

This area clarifies function control of organisms at the molecular and cellular levels as a means to develop health sciences, such as leading-edge medical technology and medicine, and functional food development, in a fundamental and applicable manner.

Bioresource Development

This area focuses on the highly effective use of biological functions in fields such as foodstuff production technology and related molecular breeding, and the development of creative technologies for improved efficient use of biological resources.

Biological and Environmental Science

This area pursues the study of scientific techniques to comprehend, predict and prevent material cycles of biospheres, as a means to construct environmental and resource-measuring systems.

Environmental Conservation and Remediation

This area utilizes the analysis of environments/ecosystems, such as continental areas and hydrospheres, to devise approaches to the development of rehabilitation/conservation technologies on a global scale.

Bioresource Management

This area studies systems using regional resources in order to create continuous socioeconomic structures using mesomountainous regions as model regions.

Program Features

- Cultivates research specialists by studying leading-edge biotechnology, and through coursework in a wide variety of biological/environmental subjects
- Flexible and versatile educational/research guidance through accepting a wide variety of graduate students
- Promotion of industry-academic-government linkage and community support activities based on research results

[Doctoral Program, Second Term]

Program in Biological System Sciences (Doctoral Program, Second Term)

This program aims to cultivate world-class leading-edge technologists based on the following education/research policies

- Emphasis on practical research in addition to basic research
- Cultivation of interdisciplinary research practices/planning capabilities
- Introduction to, and exchanges of the latest scientific knowledge/technology by university staff and leading-edge researchers from other institutions in related fields
- Cultivation of practical research capabilities oriented towards corporate research through detailed guidance of dissertation research from a wide variety of viewpoints

Configuration of Research Fields

Similar to the Program in Biological System Sciences (Doctoral program, first term)

Program Features

- Scientific research efforts related to a variety of biological systems including bio/nano-sciences in relation to leading-edge medicine, studies of environmental conservation/rehabilitation and recycling in ways that are considerate to both humans and the environment, and food/health studies to contribute to the improvement of the quality of life
- Practical education/research activities with the participation of graduate students for industry-academic-government project/community contribution activities bases
- Cultivation of research specialists capable of research planning, information gathering and research presentations in multidisciplinary and border areas of study



Hiroshima Campus

**Program in Human
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**Program in
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Shobara Campus

**Program in
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Mihara Campus

**Program in Health
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