

## **Master's Program of the Department of Biofunctional Science and Technology**

### **1. Type of Students We Seek**

In light of the educational goals and objectives specified in its diploma policy and curriculum policy, the Department of Biofunctional Science and Technology is seeking graduate students who have the following abilities and qualities.

Applicants are expected to meet at least one of the following conditions (1) to (3) and satisfy all of (4) to (6).

- (1) A person who takes a keen interest in acquiring theoretical and methodological knowledge of biological functions at the cellular and molecular levels
- (2) A person who takes a keen interest in acquiring theoretical and methodological knowledge of bioresources and their utilization from the perspective of food resources
- (3) A person who has a strong willingness to identify and address issues, from a scientific perspective, regarding various biofunctions employed by organisms and their effective use as food resources
- (4) A person who has been recognized as having English language proficiency equal to or higher than that of university graduates
- (5) A person who has been recognized as having academic abilities (knowledge, attitudes and skills) equal to or higher than those of university graduates in the area of specialization he/she intends to pursue
- (6) A person who has sound judgement and a strong sense of ethics as a responsible member of society

### **2. Basic Policy regarding Admissions Screening**

[Recommendation-based Selection]

Selection will be made after comprehensively examining the results of an oral examination and an academic transcript of the school the applicant graduated from, in order to verify that the applicant has acquired undergraduate-level specialized knowledge and language skills and has the ability to adapt to the requirements of the Department's Curriculum Policy.

[General Selection]

Selection will be made after comprehensively examining the results of the written examination of specialized subjects and an oral examination, in order to verify that the applicant has acquired undergraduate-level specialized knowledge and language skills and has the ability to adapt to the

requirements of the Department's Curriculum Policy.

[Special Selection for Students in Employment]

Selection will be made after comprehensively examining the results of an academic transcript of the school the applicant graduated from and an oral examination based on both the Reason for Application and the Research Progress/Findings Report submitted by the applicant, in order to verify that the applicant has acquired undergraduate-level specialized knowledge and language skills and has the ability to adapt to the requirements of the Department's Curriculum Policy.

## **Doctoral Program of the Department of Biofunctional Science and Technology**

### **1. Type of Students We Seek**

In light of the educational goals and objectives specified in its diploma policy and curriculum policy, the Department of Biofunctional Science and Technology is seeking graduate students who have the following abilities and qualities.

Applicants are expected to meet at least one of the following conditions (1) to (3) and satisfy all of (4) to (6).

- (1) A person who takes a keen interest in acquiring advanced theoretical and methodological knowledge of biological functions at the cellular and molecular levels and enhancing his/her research and application capabilities
- (2) A person who takes a keen interest in acquiring advanced theoretical and methodological knowledge of bioresources and their utilization from the perspective of food resources and

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[Special Selection for Students in Employment]

Selection will be made after comprehensively examining the results of an oral examination, the summary of the applicant's Master's thesis, and the Research Progress/Findings Report and the Research Plan submitted by the applicant, in order to verify that the applicant has acquired specialized knowledge and language skills equivalent to or higher than those of a person with a Master's degree and has the ability to adapt to the requirements of the Department's Curriculum Policy.

## Master's Program of the Department of Environmental Dynamics and Management

### **1. Type of Students We Seek**

In light of the educational goals and objectives specified in its diploma policy and curriculum policy, the Department of Environmental Dynamics and Management is seeking graduate students who have the following abilities and qualities.

Applicants are expected to meet at least one of the following conditions (1) to (3) and satisfy all of (4) to (6).

- (1) A person who takes a keen interest in acquiring theoretical and methodological knowledge of cyclic material usage in the biosphere – including assessment, prediction and control – and translating such knowledge into practical applications
- (2) A person who takes a strong interest in developing knowledge on the assessment, prediction and control of the cyclical function of nature in the Setouchi region, including mountains, rivers and seas, and identifying and addressing issues while working in collaboration with outside organizations and local communities
- (3) A person who takes a high level of interest in developing knowledge on the assessment, prediction and control of material cycle systems of the biosphere from a global perspective, and identifying and addressing issues while working in collaboration with outside organizations and local communities
- (4) A person who has been recognized as having English language proficiency equal to or higher than that of university graduates
- (5) A person who has been recognized as having academic abilities (knowledge, attitudes and skills) equal to or higher than those of university graduates in the area of specialization he/she intends to pursue
- (6) A person who has sound judgement and a strong sense of ethics as a responsible member of society

### **2. Basic Policy regarding Admissions Screening**

[Recommendation-based Selection]

Selection will be made after comprehensively examining the results of an oral examination and an academic transcript of the school the applicant graduated from, in order to verify that the applicant has acquired undergraduate-level specialized knowledge and language skills and has the ability to

adapt to the requirements of the Department's Curriculum Policy.

[General Selection]

Selection will be made after comprehensively examining the results of the written examination of specialized subjects and an oral examination, in order to verify that the applicant has acquired undergraduate-level specialized knowledge and language skills and has the ability to adapt to the requirements of the Department's Curriculum Policy.

[Special Selection for Students in Employment]

Selection will be made after comprehensively examining the results of an academic transcript of the school the applicant graduated from and an oral examination based on both the Reason for Application and the Research Progress/Findings Report submitted by the applicant, in order to verify that the applicant has acquired undergraduate-level specialized knowledge and language skills and has the

## Doctoral Program of the Department of Environmental Dynamics and Management

### **1. Type of Students We Seek**

In light of the educational goals and objectives specified in its diploma policy and curriculum policy, the Department of Environmental Dynamics and Management is seeking graduate students who have the following abilities and qualities.

Applicants are expected to meet at least one of the following conditions (1) to (3) and satisfy all of (4) to (6).

- (1) A person who takes a keen interest in acquiring advanced theoretical and methodological knowledge of the assessment, prediction and control of biological and material cycle and microbial production in the biosphere, and enhancing his/her research and application capabilities
- (2) A person who takes a strong interest in developing advanced professional capabilities to respond to significant changes in the global environment and the socioeconomic environment in a timely manner and from a global perspective
- (3) A person who takes a high level of interest in understanding the assessment, prediction and control of material cycle systems in the biosphere from various perspectives of time and space – from a regional to global level and from the past to the future, and identifying and addressing issues
- (4) A person who has been recognized as having English language proficiency equal to or higher than that of Master's degree holders
- (5) A person who has been recognized as having academic abilities (knowledge, attitudes and skills) equal to or higher than those of Master's degree holders in the area of specialization he/she intends to pursue
- (6) A person who has sound judgement as a responsible member of society and a strong sense of professional ethics as a researcher/highly-skilled professional

### **2. Basic Policy regarding Admissions Screening**

[Recommendation-based Selection]

Selection will be made after comprehensively examining the results of an oral examination, the summary of the applicant's Master's thesis, and the Research Progress/Findings Report and the Research Plan submitted by the applicant, in order to verify that the applicant has acquired specialized knowledge and language skills equivalent to or higher than those of a person with a

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[Special Selection for Students in Employment]

Selection will be made after comprehensively examining the results of an oral examination, the summary of the applicant's Master's thesis, and the Research Progress/Findings Report and the Research Plan submitted by the applicant, in order to verify that the applicant has acquired specialized knowledge and language skills equivalent to or higher than those of a person with a Master's degree and has the ability to adapt to the requirements of the Department's Curriculum Policy.