

Diploma policy of the Graduate School of Agricultural Science

Master's Program

The Graduate School of Agricultural Science aims to impart specialized knowledge centered on agriculture, and to create an intellectual foundation for the development of human resources equipped with the advanced knowledge and skills to build a sustainable and symbiotic society by investigating various issues in agriculture such as those relating to food, the environment and human health. In order to achieve these objectives, we award master's degrees in accordance with the following policy.

Degree: Master of Agriculture

Agricultural Engineering course in the Department of Agricultural Engineering and Socio-economics

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the Master's Program of the graduate school for at least two years, acquire at least the required number of credits, receive the necessary research guidance, and pass the master's thesis review and the final examination. However, students with outstanding achievements are eligible to obtain the master's degree after studying for over one year.

*By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand advanced knowledge concerning food- and agriculture-related engineering fields.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related engineering fields and to formulate tasks appropriately.
- The ability to appropriately conduct experiments and investigations based on expertise in engineering fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both present and apply the results of their own research conducted in the fields of engineering related to food and agriculture towards academic progress and the resolution of social issues.

Food and Environmental Economics course in the Department of Agricultural Engineering and Socio-economics

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the Master's Program of the graduate school for at least two years, acquire the at least the required number of credits, receive the necessary research guidance, and pass the master's thesis review and the final examination. However, students with outstanding achievements are eligible to obtain the master's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand advanced knowledge concerning food- and agriculture-related fields of socio-economics.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related socio-economics fields and to formulate tasks appropriately.
- The ability to appropriately collect information and conduct social surveys based on expertise in food- and agriculture-related socio-economics fields, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both present and apply the results of their own research conducted in the fields of socio-economics related to food and agriculture towards academic progress and the resolution of social issues.

Animal Science course in the Department of Bioresource Science

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the Master's Program of the graduate school for at least two years, acquire at least the required number of credits, receive the necessary research guidance, and pass the master's thesis review and the final examination. However, students with outstanding achievements are eligible to obtain the master's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand advanced knowledge concerning food- and agriculture-related animal science fields.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related animal science fields and to formulate tasks

appropriately.

- The ability to appropriately conduct experiments and observations based on expertise in food- and agriculture-related animal science fields, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both present and apply the results of their own research conducted in the fields of animal science related to food and agriculture towards academic progress and the resolution of social issues.

Plant Science course in the Department of Bioresource Science

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the Master's Program of the graduate school for at least two years, acquire at least the required number of credits, receive the necessary research guidance, and pass the master's thesis review and the final examination. However, students with outstanding achievements are eligible to obtain the master's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand advanced knowledge concerning food- and agriculture-related fields of plant science.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related plant science fields and to formulate tasks appropriately.
- The ability to appropriately conduct experiments and observations based on expertise in plant science fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both present and apply the results of their own research conducted in the fields of plant science related to food and agriculture towards academic progress and the resolution of social issues.

Applied Chemistry in Bioscience course in the Department of Agrobioscience

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the Master's Program of the graduate school for at least two years, acquire at least the required number of credits, receive the necessary research guidance, and pass the master's thesis review and the final examination. However, students with outstanding achievements are eligible to obtain the master's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand advanced knowledge concerning food-, agriculture, and life science-related fields of applied chemistry.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related applied chemistry fields and to formulate tasks appropriately.
- The ability to appropriately collect information and conduct experiments based on expertise in applied chemistry fields related to food, agriculture and life science, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both present and apply the results of their own research conducted in the fields of applied chemistry related to food and agriculture towards academic progress and the resolution of social issues.

Applied Biology course in the Department of Agrobioscience

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the Master's Program of the graduate school for at least two years, acquire at least the required number of credits, receive the necessary research guidance, and pass the master's thesis review and the final examination. However, students with outstanding achievements are eligible to obtain the master's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand advanced knowledge concerning the field of applied biology related to food and agriculture.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related applied biology fields and to formulate tasks appropriately.
- The ability to appropriately conduct experiments and surveys based on expertise in applied biology fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both present and apply the results of their own research conducted in the fields of applied biology related to food and agriculture towards academic progress and the resolution of social issues.

Doctoral Program

The Graduate School of Agricultural Science aims to impart broad and specialized knowledge centered on agriculture, and to create an intellectual foundation for the development of human resources equipped with the advanced knowledge and skills to build a sustainable and symbiotic society by investigating various issues in agriculture such as those relating to food, the environment and human health. In order to achieve these objectives, we award doctor's degrees in accordance with the following policy.

Degree: Doctor of Philosophy in Agricultural Science

Agricultural Engineering course in the Department of Agricultural Engineering and Socio-economics

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following policy.

- *Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.
- * By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:
 - To be able to understand and apply advanced knowledge concerning food- and agriculture-related fields of engineering.
 - Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related engineering fields and to formulate original tasks appropriately.
 - The ability to properly conduct a wide range of experiments and investigations based on expertise in engineering fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
 - The ability to both publicize and apply the systematic results of their own research conducted in the fields of engineering related to food and agriculture towards important academic progress and the resolution of social issues.

Food and Environmental Economics course in the Department of Agricultural Engineering and Socio-economics

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning food- and agriculture-related fields of socio-economics.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related socio-economics fields and to formulate original tasks appropriately.
- The ability to properly collect a wide range of precise information and conduct social surveys based on expertise in socio-economics fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both publicize and apply the systematic results of their own research conducted in the fields of socio-economics related to food and agriculture towards important academic progress and the resolution of social issues.

Animal Science course in the Department of Bioresource Science

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning food- and agriculture-related fields of animal science.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related animal science fields and to formulate original tasks appropriately.

- The ability to properly conduct a wide range of experiments and observations based on expertise in animal science fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both publicize and apply the systematic results of their own research conducted in the fields of animal science related to food and agriculture towards important academic progress and the resolution of social issues.

Plant Science course in the Department of Bioresource Science

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

- *Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral degree review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.
- * By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:
 - To be able to understand and apply advanced knowledge concerning food- and agriculture-related fields of plant science.
 - Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related plant science fields and to formulate original tasks appropriately.
 - The ability to properly conduct a wide range of experiments and observations based on expertise in plant science fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
 - The ability to both publicize and apply the systematic results of their own research conducted in the fields of plant science related to food and agriculture towards important academic progress and the resolution of social issues.

Applied Chemistry in Bioscience course in the Department of Agrobioscience

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

- *Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning fields of applied chemistry related to food, agriculture and life science.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-, and life science-related applied chemistry fields and to formulate original tasks appropriately.
- The ability to properly conduct a wide range of experiments and collect information based on expertise in applied chemistry fields related to food, agriculture and life science, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both publicize and apply the systematic results of their own research conducted in the fields of applied chemistry related to food, agriculture and life science towards important academic progress and the resolution of social issues.

Applied Biology course in the Department of Agrobioscience

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning the fields of applied biology related to food and agriculture.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related applied biology fields and to formulate original tasks appropriately.
- The ability to properly conduct a wide range of experiments and surveys based on expertise in applied biology fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both publicize and apply the systematic results of their own research conducted in the fields of applied biology related to food and agriculture towards important academic progress and the resolution of social issues.

Degree: Doctor of Philosophy

Agricultural Engineering course in the Department of Agricultural Engineering and Socio-economics

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire the at least required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning the fields of engineering relating to food and agriculture.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related engineering fields and to formulate original tasks appropriately.
- The ability to properly conduct a wide range of experiments and investigations based on expertise in engineering fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both publicize and apply the systematic results of their own research conducted in the fields of engineering related to food and agriculture towards important academic progress and the resolution of social issues.
- Interdisciplinary knowledge and the ability to apply it to engineering fields related to food and agriculture.

Food and Environmental Economics course in the Department of Agricultural Engineering and Socio-economics

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one

year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning the fields of socio-economics related to food and agriculture.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related socioeconomics fields and to formulate original tasks appropriately.
- The ability to properly collect a wide range of precise information and conduct social surveys based on expertise in socio-economics fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both publicize and apply the systematic results of their own research conducted in the fields of socio-economics related to food and agriculture towards important academic progress and the resolution of social issues.
- Interdisciplinary knowledge and the ability to apply it to socio-economics fields related to food and agriculture.

Animal Science course in the Department of Bioresource Science

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

* Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning the fields of animal science related to food and agriculture.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related animal science fields and to formulate original tasks appropriately.
- The ability to properly conduct a wide range of experiments and observations based on expertise in animal science fields related food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.

- The ability to both publicize and apply the systematic results of their own research conducted in the fields of animal science related to food and agriculture towards important academic progress and the resolution of social issues.
- Interdisciplinary knowledge and the ability to apply it to animal science fields related to food and agriculture.

Plant Science course in the Department of Bioresource Science

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

- *Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.
- * By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:
 - To be able to understand and apply advanced knowledge concerning the fields of plant science related to food and agriculture.
 - Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related plant science fields and to formulate original tasks appropriately.
 - The ability to properly conduct a wide range of experiments and observations based on expertise in plant science fields related to food and agriculture, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
 - The ability to both publicize and apply the systematic results of their own research conducted in the field of plant science related to food and agriculture towards important academic progress and the resolution of social issues.
 - Interdisciplinary knowledge and the ability to apply it to plant science fields related to food and agriculture.

Applied Chemistry in Bioscience course in the Department of Agrobioscience

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

- *Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with

outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning the fields of applied chemistry related to food, agriculture and life science.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture- and life science-related applied chemistry fields and to formulate original tasks appropriately.
- The ability to properly conduct a wide range of experiments and collect information based on expertise in applied chemistry fields related to food, agriculture and life science, in addition to being able to discuss and inquire into the analysis of the results and draw new conclusions from them.
- The ability to both publicize and apply the systematic results of their own research in the fields of applied chemistry related to food and agriculture towards important academic progress and the resolution of social issues.
- Interdisciplinary knowledge and the ability to apply it to applied chemistry fields related to food, agriculture and life science.

Applied Biology course in the Department of Agrobioscience

Based on the Kobe University Diploma Policy, the degree is awarded in accordance with the following.

*Students must be enrolled in the graduate school's Doctoral Program for at least three years, acquire at least the required number of credits, receive the necessary research guidance, and pass the doctoral dissertation review and the final examination. However, students with outstanding achievements are eligible to obtain the doctor's degree after studying for over one year.

* By the completion of this course, students should acquire the following abilities, in addition to those specified in the Kobe University Diploma Policy:

- To be able to understand and apply advanced knowledge concerning the fields of applied biology related to food and agriculture.
- Possess high ethical standards and a sense of mission that enables them to critically review research in food- and agriculture-related fields of applied biology and to formulate original tasks appropriately.
- The ability to properly conduct a wide range of experiments and surveys based on expertise in applied biology fields related to food and agriculture, in addition to being able to discuss

and inquire into the analysis of the results and draw new conclusions from them.

- The ability to both publicize and apply the systematic results of their own research conducted in the fields of applied biology related to food and agriculture towards important academic progress and the resolution of social issues.
- Interdisciplinary knowledge and the ability to apply it to applied biology fields related to food and agriculture.