

## **6-2 Policy for the Granting of Master's and Doctoral Degrees**

1. The requirements for being awarded a master's degree are that a student must be enrolled for the stipulated number of academic years, take the courses that have been established by the Graduate School of Humanities and Sciences in accordance with its educational philosophy and goals, and earn the number of credits that meets the criteria. Students must also pass a review of their master's theses or findings of research on a specific issue, as well as the final examination.
2. The criteria for completion of the master's program are acquisition of academic learning from a broad perspective, as well as the ability to conduct research in the area of specialty or the abilities needed to engage in a profession that requires a high level of specialization.
3. The requirements for completion of a doctoral degree are that a student must be enrolled for the stipulated number of academic years, earn the number of credits that have been set as the standard, receive research guidance in accordance with the educational philosophy and aims of the Graduate School of Humanities and Sciences, and pass the doctoral dissertation review and all final exams within the standard course of study.
4. The criteria for completion of the doctoral program are acquisition of the abilities necessary for high-level specialized research and interdisciplinary, comprehensive research, and the knowledge and abilities necessary to conduct research activities independently as a researcher or to engage in a highly specialized profession.

### **Policy for the Granting of Master's Degrees**

#### **Division of Comparative Studies of Societies and Cultures Diploma Policy**

The Division of Comparative Studies of Societies and Cultures aims to establish specialized research on society and culture at a truly high level. Accordingly, the Division requires students to acquire sufficient knowledge to form the foundation to conduct specialized research in individual fields, and the wide range of learning needed to take a cross-disciplinary perspective on research. The requirements for completion of the program are to earn the stipulated credits, acquire superior ability to engage in a profession that required a high level of specialization, and pass a review of the master's thesis as well as the final examination. A master's degree (liberal arts and humanities, social science, human life and environmental sciences, and MA) is available from this Division.

#### **(1) Department of Japanese Language and Literature**

The requirements for completion of the program are knowledge of more full-scale research methods related to the Japanese literature of a period from ancient to contemporary times, as well as the history and structure of the Japanese language, taking into consideration the knowledge acquired during the students' undergraduate studies.

#### **(2) Department of Asian Languages, Literatures, and Cultures**

The requirements for completion of the program are enrollment for the stipulated number of academic years, acquisition of the stipulated credits, and acquisition of the ability to conduct research in the field of specialization.

#### **(3) Department of English and French Languages, Literatures, and Cultures**

The requirements for completion of the program are to learn the specialized knowledge and research methodology in the field of specialization in the Department of English and French Languages, Literatures, and Cultures and acquire the research capabilities needed to accurately understand and communicate scholarly thought, through enrollment for the stipulated number of academic years and acquisition of the stipulated credits, and further, to submit a master's thesis and pass the review and final examination.

#### **(4) Department of Applied Japanese Linguistics**

The requirements for completion of the program are firm acquisition of a solid foundation for

scholarly research in relevant fields with a focus on applied Japanese linguistics, the internationally viable ability to identify and solve problems, the ability to process information, and communication skills, and further, to submit a master's thesis and pass the review and final examination.

**(5) Department of Philosophy**

The requirements for completion of the program are systematic acquisition of the basic and specialized knowledge required for research in philosophy and ethics, as well as deep insight into human culture.

**(6) Department of History and Art History**

The requirements for completion of the program are acquisition of the high-level specialized knowledge and methodology in historiography and art history, as well as the wide range of rich and varied academic knowledge, that form the foundation both for future learning and for utilizing that knowledge in society, and further, enrollment for the stipulated number of academic years and acquisition of the required number of credits in the stipulated subjects.

**(7) Department of Cultural and Historical Studies**

The requirements for completion of the program are the acquisition of a broad range of deep knowledge related to life and culture, the ability to conduct research in the area of specialty, and the ability to engage in a profession that requires a high level of specialization, and further, acquisition of the ability to understand and contribute to the achievement of a truly rich and abundant life.

**(8) Department of Dance**

The requirements for completion of the program are the solid acquisition of the high-level specialized skills that are needed to theoretically analyze dance, sports, and other types of artistic expression, and the ability to conduct rich and varied interdisciplinary research based on a wide range of learning and the practice of artistic expression.

**(9) Department of Music**

The requirements for completion of the program are acquisition of the skills needed as an advanced specialist, such as the ability to raise issues, conduct analysis, conceptualize, and utilize language, as well as expertise in a practical field, and the ability to coordinate and communicate those things as an individual in a comprehensive manner.

**Division of Human Developmental Sciences Diploma Policy**

The requirements for earning a degree are that a student must be enrolled for no less than the stipulated number of academic years, take the courses that have been stipulated by the Division of Human Developmental Sciences in accordance with its research and educational philosophy and aims, earn the credits that meet the criteria, and further, pass a review of the master's thesis as well as the final examination.

For the master's thesis, the student must utilize research methods that are suited to the topic, adopt an appropriate format for the thesis, and provide a suitable discourse while complying with research ethics. The content must contribute to the progress of research related to the topic of the thesis. A master's degree (liberal arts and humanities, social science, human life and environmental sciences, and MA) is available from this Division.

**(1) Department of Educational Sciences**

The criteria for completion of the program are acquisition of the ability to think richly and

creatively and conduct research related to humans and the ideal nature of education, and the superior ability to engage in a profession that requires advanced specialization, through knowledge and methods of the area of specialization in the educational sciences.

**(2) Department of Psychology**

The criteria for completion of the program are acquisition of the ability to conduct specialized research in psychology, the ability to take a multidimensional and comprehensive approach to the problems of human psychology, and the ability to engage in a profession that requires a high level of specialization in psychology.

**(3) Department of Developmental and Clinical Psychology**

The criteria for completion of the program are acquisition of the ability to conduct basic research on developmental clinical psychology and research in the various areas of clinical psychology, the ability to engage in a highly specialized profession, and ethical values.

**(4) Department of Applied Sociology**

The criteria for completion of the program are acquisition of academic learning from a broad perspective, the ability to conduct basic research on sociology, and the ability to interpret the various issues of society (the family, region, communication, welfare, gender, disparity, etc.).

**(5) Department of Child and Child Care Studies**

The criteria for completion of the program are acquisition of academic learning related to child and childcare studies from a broad perspective, the ability to conduct research on child and childcare studies, and the ability to engage in a profession that requires a high level of specialization.

**Division of Gender and Social Sciences Diploma Policy**

1. The requirements for earning a degree are that a student must be enrolled for no less than the stipulated number of academic years, earn no less than the stipulated number of credits, and receive the necessary research guidance.
2. For the master's thesis, the student must receive step-by-step guidance from her main advisor and secondary advisors, submit research reports that are established annually, and complete the master's thesis. In accordance with the master's thesis review criteria, the thesis must (i) have at its foundation a clear awareness of the issue, (ii) establish appropriate research goals, targets, methods, and perspectives, (iii) meet the requirements for the format of a thesis, and (iv) conform to research ethics. The thesis must be at a level that is sufficient to contribute to the progress of research in the applicable field.

A master's degree (liberal arts and humanities, social science, human life and environmental sciences, and MA) is available from this Division.

**(1) Department of Social and Family Policies**

The criteria for completion of the program are acquisition of the ability to conduct specialized research by utilizing social scientific theory and methodology to interpret the various issues related to civic and family life, etc., on a foundation of global and gender-sensitive interest, and contribute to the interpretation and resolution of societal problems, or engage in an advanced profession.

**(2) Department of Geography and Environmental Studies**

The criteria for completion of the program are acquisition of the ability to conduct specialized research from a geographically multi-scaled perspective that connects the global, national, and local levels, etc., or practical abilities in areas such as international cooperation, cross-cultural

understanding, and environmental education, in order to contribute to the clarification and resolution of the various real-world issues.

### **(3) Department of Gender and Development Studies**

The criteria for completion of the program are the acquisition of a global perspective and gender-sensitive scholarly knowledge, the ability to conduct specialized research that can contribute to the clarification and resolution of issues both domestic and overseas through creative research activities, or the ability to engage in an advanced profession.

### **Division of Life Sciences Diploma Policy**

1. Completion of the program requires students to acquire a broad range of understanding of the life sciences, from the fundamentals to application, and the ability to conduct research in the various areas of the life sciences or engage in professions that require a high level of expertise.
2. The requirements for completion of the program are that the student must be enrolled for the stipulated number of academic years, and pass a review of her master's thesis or the findings of her research on a specific issue, and pass the final examination.

Degrees are awarded to individuals who have fulfilled the following departmental requirements, based on the aforementioned policies. A master's degree (human life and environmental sciences, science, and MA) is available from this Division.

### **(1) Department of Biological Sciences**

- (a) Take the courses that have been established in accordance with the curriculum policy and earn the stipulated credits.
- (b) Write a master's thesis under the direction of multiple advisors, introduce it at a master's thesis presentation, and pass the review.

### **(2) Department of Human Environmental Sciences**

- (a) Take the courses that have been established in accordance with the academic philosophy and goals of the department and earn the stipulated credits.
- (b) Acquire sufficient scientific scholarly abilities in the individual research fields. In addition, acquire the ability to set agendas for issues related to daily life, formulate and implement measures to solve the problems, and present the findings, etc.
- (c) Complete and submit a master's thesis under the direction of multiple advisors. Gather and analyze information on a specific issue, conduct experiments, design, or analyze the data to formulate measures to solve the problems, and report on the findings. Introduce the findings at a master's thesis presentation, and pass a faculty review and the final examination.

### **(3) Department of Food and Nutritional Sciences**

- (a) The student must have academic learning from a broad perspective in the field of food and nutritional sciences, as well as the ability to conduct research in the area of specialty or the abilities needed to engage in a profession that requires a high level of specialization.
- (b) Earn the stipulated credits in the courses that have been established in accordance with the curriculum policy, and pass a review of the master's thesis and the final examination.

### **(4) Department of Genetic Counseling**

- (a) Take the courses that have been established in accordance with the curriculum policy and earn the stipulated credits.
- (b) Participate in practical training as stipulated, attending genetic counseling sessions at the specified medical institutions.
- (c) Submit an investigative research thesis on a specific issue that meets all of the following

requirements, and pass the final examination.

- a) The thesis must involve investigative research on an issue that has novelty, inventiveness, usefulness, or originality, in the field of genetic counseling.
- b) The research must include a sufficient amount of literature searches and investigation of research trends.
- c) The student must be able to appropriately present the content of her investigative research and accurately respond to questions in the thesis defense.
- d) The format must be suitable for a thesis.

### **Division of Advanced Sciences Diploma Policy**

In accordance with a curriculum policy that requires students to acquire specialized knowledge and research methods in the fields of mathematics, physical science, chemistry/biochemistry, and information science, the Division of Advanced Sciences has established specific degree thesis/dissertation review criteria for each department, based on the following diploma policy, in order to assess whether the acquisition of the major courses, etc., and research findings meet the criteria. A master's degree (science and MA) is available from this Division.

#### **(1) Department of Mathematics**

A master's degree will be awarded to students who earn the stipulated credits needed to establish mathematical education, and who compile in a scholarly manner the knowledge gained from the findings of research in the area of specialization, in the form of a thesis, submit the thesis, and pass the review.

#### **(2) Department of Physics**

A master's degree will be awarded to students who acquire specialized knowledge through participation in the stipulated courses, and who submit a master's thesis that appropriately examines the findings of research conducted using physical scientific methods, and pass the review.

#### **(3) Department of Chemistry and Biochemistry**

A master's degree will be awarded to students who earn the stipulated credits needed for scholarly learning that is suitable for the master's program in the applicable field, and who compile in a scholarly manner the findings of research in the area of specialization, in the form of a thesis, submit the thesis, and pass the review.

#### **(4) Department of Computer Science**

A master's degree will be awarded to students who submit a master's thesis that presents precise observations using the appropriate natural science methods, and indicates the positioning of the study in the field of information science research, introduce the findings at a master's thesis presentation, and pass a faculty review and the final examination.

## **Policy for the Granting of Doctoral Degrees**

### **Division of Comparative Studies of Societies and Cultures Diploma Policy**

The requirements for completion of the program are that the student must be enrolled for the stipulated number of academic years and earn the stipulated number of credits, receive research guidance in accordance with the educational philosophy and aims of the Division, give an oral presentation of research findings at a conference, etc., that includes a review, as well as present peer-reviewed papers at or above the standard determined by the Division, and pass the doctoral dissertation review and final examination during the period of time enrolled. In the Division, students are not only required to acquire the abilities and knowledge needed to conduct independent activities as a researcher or engage in a highly specialized occupation, but also to have the ability to conduct their own research with high ethical standards and a firm sense of responsibility. A doctoral degree (liberal arts and humanities, social science, human life and environmental sciences, and PhD) is available from this Division.

#### **(1) Department of Japanese Studies in a Global Perspective**

The criteria for completion of the program are the acquisition of the abilities and scholarly knowledge that are required to advance Japanese studies from an international perspective and communicate Japanese studies that are highly specialized as well as deeply interdisciplinary and comprehensive.

#### **(2) Department of Language, Literature, and Culture**

The requirements for completion of the program are a solid foundation in academic research, particularly in the humanities and linguistic sciences, and the consistent acquisition of an internationally viable ability to identify and solve problems, the ability to process information, and communications skills.

#### **(3) Department of Comparative Social Studies**

The criteria for completion of the program are the acquisition of a high degree of specialization focused on a specific field, and the abilities and scholarly knowledge that are required to communicate cross-comparative research that is deeply interdisciplinary and comprehensive.

#### **(4) Department of Arts and Representational Studies**

The criteria for completion of the program are acquisition of the ability and scholarly knowledge needed to conduct specialized and cross-disciplinary research in cultural representation and expression and to recommend critical art theory to society as a medium for human understanding and international cooperation.

### **Division of Human Developmental Sciences Diploma Policy**

The requirements for completion of the program are that the student must be enrolled for the stipulated number of academic years, receive research guidance in accordance with the research and educational philosophy and aims of the relevant department, and pass the doctoral dissertation review and final examination within the standard number of years.

In the Division, students must submit research plans that are established annually, as well as research reports, toward the completion of their doctoral dissertations, and acquire the stage system (education stage, research stage) points stipulated by the individual department and otherwise conduct research according to the plan, in order to acquire abilities as specialists. In accordance with the doctoral dissertation review criteria, the doctoral dissertation must achieve a sufficient level in (i) the appropriateness and clarity of the selected topic, (ii) the academic understanding of the applicable field and the positioning of the research in that field, (iii) the originality and potential for

development of the research, (iv) the suitability of the structure of the dissertation, the reasoning, and the statement of the argument, and (v) awareness of and adherence to research ethics. A doctoral degree (liberal arts and humanities, social science, human life and environmental sciences, and PhD) is available from this Division.

In the Division, students are not only required to acquire the abilities and knowledge needed to conduct independent activities as a researcher or engage in a highly specialized occupation related to the ideal nature of humans and education, psychology, development, and society, etc., but also to have the ability to conduct their own research with high ethical standards and a sense of responsibility.

**(1) Department of Educational Science**

In addition to fulfilling the requirements stipulated in the stage system, the criterion for completion of the program is the acquisition of the knowledge and abilities required to conduct activities as a researcher independently or engage in a highly specialized profession.

**(2) Department of Psychology**

In addition to fulfilling the requirements in the stage system, the criteria for completion of the program are that the student must gain the ability to conduct advanced research in psychology, the ability to take a multidimensional and comprehensive approach to analyzing the problems of human psychology, and the ability to promote creative research as an independent researcher.

**(3) Department of Developmental and Clinical Psychology**

The criteria for completion of the program are that the student must be enrolled for the stipulated number of academic years, and fulfill the requirements in the stage system stipulated separately, and acquire the various research skills needed in developmental clinical psychology. The doctoral dissertation must provide a new perspective that contributes to the development of the relevant field, discuss the clinical application and limitations, and give due consideration to research ethics

**(4) Department of Sociology and Social Policies**

In addition to fulfilling the requirements in the stage system, the criteria for completion of the program are that the student must acquire academic learning from a global perspective, and gain the ability to conduct specialized research that makes it possible to clarify the various issues of society, including public policy issues, through independent and creative research activities.

**(5) Department of Child and Child Care Studies**

In addition to fulfilling the requirements in the stage system, the criteria for completion of the program are that the student must acquire the ability to conduct high-level specialized research or interdisciplinary, comprehensive research in child and child care studies, and the knowledge and abilities necessary to conduct research activities independently as a researcher or to engage in a highly specialized profession.

**Division of Interdisciplinary Gender Studies Diploma Policy**

**(1) Department of Gender Studies**

- (a) The student must be enrolled for no less than the stipulated number of academic years, earn no less than the stipulated number of credits, and receive the necessary research guidance.
- (b) In accordance with the doctoral dissertation review criteria, the doctoral dissertation must (i) provide new insights and contribute to the progress of the applicable field of research and the development of society, (ii) clearly indicate the significance and originality of the student's research, on a foundation of a thorough review of previous studies in the applicable field of research and related fields, (iii) utilize a format that is appropriate for scholarly papers and provide a conclusion that is the result of a logical argument, and (iv) conform to research ethics.

The dissertation must be at a level that is sufficient to contribute to the progress of research in the applicable field. A doctoral degree (liberal arts and humanities, social science, human life and environmental sciences, and PhD) is available from this Division.

### **Division of Life Sciences Diploma Policy**

1. Completion of the program requires students to acquire a broad range of understanding of the life sciences, from the fundamentals to application, the ability to work independently as a researcher in various areas of the life sciences, and the ability to fulfill a leadership role.
2. The requirements for completion of the program are that the student must be enrolled for the stipulated number of academic years, and pass a review of her doctoral dissertation and the final examination.

Degrees are awarded to individuals who have fulfilled the following departmental requirements, based on the aforementioned policies. A doctoral degree (human life and environmental sciences, science, academics, Global Leader in Science, Global Leader in Engineering, and Global Leader in Academics) is available from this Division.

#### **(1) Department of Biological Sciences**

- (a) Take the courses that have been established in accordance with the curriculum policy and earn the stipulated credits.
- (b) Write a doctoral dissertation under the direction of multiple advisors, introduce it at a doctoral dissertation presentation, and pass the review.

#### **(2) Department of Human Environmental Sciences**

- (a) Receive research guidance in accordance with the educational philosophy and aims of the Department and earn the stipulated credits. Pass the doctoral dissertation review and the final examination within the standard number of academic years.
- (b) Acquire sufficient academic abilities in the field of research. In addition, acquire the ability to identify issues regarding problems related to daily life and the ability to formulate and implement resolution measures that have superior originality and novelty.
- (c) In the degree thesis/dissertation, gather and analyze information on a specific, realistic issue, conduct experiments, design, or analyze the data to formulate measures to solve the problems, and report on the findings.

#### **(3) Department of Food and Nutritional Sciences**

- (a) Acquire the abilities necessary for high-level specialized research and interdisciplinary, comprehensive research in the food and nutritional sciences, and the knowledge and abilities necessary to conduct research activities independently as a researcher or to engage in a highly specialized profession.
- (b) Take the courses that have been established in accordance with the departmental curriculum policy and earn the stipulated credits.
- (c) In addition, write a doctoral dissertation under the direction of multiple advisors, and pass the dissertation review.

#### **(4) Department of Genetic Counseling**

- (a) Take the courses that have been established in accordance with the departmental curriculum policy and earn the stipulated credits.
- (b) Acquire qualifications as a certified genetic counselor, a wide range of understanding of actual genetic counseling, from the basics to application, the ability to implement that knowledge, and the ability to give guidance for the implementation of genetic counseling.
- (c) Acquire the ability to work independently as a researcher in the field of genetic counseling, and the ability to fulfill a leadership role in research.



#### **(5) Department of Disease Prevention Science**

- (a) Receive research guidance in line with the educational philosophy and objectives of the field, earn the stipulated credits, pass a doctoral dissertation review and the final exam, and acquire the following capabilities within the standard number of years.
- (b) The student has produced outstanding research findings, and has the research capabilities that enable her to contribute to the development of disease prevention science.
- (c) The student has high ethical standards, understands societal issues related to genetic information, and is able to manage such information appropriately.
- (d) The student is able to analyze and utilize each type of genetic information and the large amount of information generated by medical devices and each of the other related devices.
- (e) The student has advanced communication skills, is able to manage research and development, and can play an active role internationally.

#### **Division of Advanced Sciences Diploma Policy**

In accordance with a curriculum policy that requires students to acquire specialized knowledge and research methods in the fields of mathematics, physical science, chemistry/biochemistry, and information science, the Division of Advanced Sciences has established specific degree thesis/dissertation review criteria for each department, based on the following diploma policy, in order to assess whether the acquisition of the major courses, etc., and research findings meet the criteria. A doctoral degree (science, academics, Global Leader in Science, Global Leader in Engineering, and Global Leader in Academics) is available from this Division.

#### **(1) Department of Mathematics**

A doctoral degree will be awarded to students who compile the findings of research in the area of specialty in mathematics, or of advanced interdisciplinary research, in the form of a dissertation, submit the dissertation, and pass the review.

#### **(2) Department of Physics**

A doctoral degree will be awarded to students who conduct their own original and specialized advanced research in the area of specialty in physics, compile the findings in the form of a dissertation that is at a level that is suitable for submission to an international peer-reviewed academic journal, submit the dissertation, and pass the review.

#### **(3) Department of Chemistry and Biochemistry**

A doctoral degree will be awarded to students who compile the findings of research in the area of specialty in chemistry/biochemistry, or of advanced interdisciplinary research, in the form of a dissertation, submit the dissertation, and pass the review.

#### **(4) Department of Computer Science**

Students must acquire a deep, systematic understanding of contemporary advanced information sciences, and gain the ability to contribute as an independent researcher to the development of the information sciences or capabilities that can be utilized/applied in a variety of fields. To pass the review, the student's doctoral dissertation must include superior content from one of the following evaluation perspectives.

- (a) The dissertation presents important new findings related to the information sciences or applied mathematics.
- (b) The dissertation creates an original theoretical structure that advances the relevant area of research.
- (c) The dissertation presents an original application of the information sciences or applied mathematics. Cooperative Major in Human Centered Engineering Diploma Policy

An understanding of the significance of human-centered engineering, academic abilities and specialized knowledge in science and engineering required in each research area, and the ability to conduct research are required for completion of the degree. To earn a degree, students must (1) be enrolled in the master's program for this cooperative major for a minimum of two years, (2) earn the stipulated credits required by the cooperative major, and (3) successfully pass a review of the research results in the student's master's thesis and a final examination, after receiving the necessary research guidance from multiple teaching staff members. A master's degree (human-centered engineering, engineering, academics) can be acquired in this major.

### **Division of Cooperative Major in Human Centered Engineering Diploma Policy**

A deep understanding of the significance of human-centered engineering, academic abilities in science and engineering sufficient for each research area, the ability to conduct research independently, and the ability to take on leadership roles are required for completion of the degree. To earn a degree, students must (1) be enrolled in the doctoral program for this cooperative major for a minimum of three years, (2) earn the stipulated credits, and (3) successfully pass a review of the research results in the student's doctoral dissertation and a final examination, after receiving the necessary research guidance from multiple teaching staff members.

Individuals who complete the doctoral program are required to have the ambition and ability to spread broadly the new field of human-centered engineering in contemporary society.

In other words, to solve issues related to daily living, they must understand deeply the importance of fusing the perspective of consumers rooted in daily living with engineering technology, and have the ability to establish issues related to specific problems, the ability to implement resolution measures with a high degree of novelty, and the ability to present those measures.

Students must indicate their desired type of degree at the time they enroll and at the time of the annual interim report meeting. In addition, the student's advisors (main/secondary) must sufficiently consider the desired type of degree in respect to the contents of research, provide guidance regarding the appropriate courses to take, and provide appropriate research guidance. Further, the following degrees are awarded after consideration of the contents of the final version of the submitted doctoral dissertation.

- Doctorate (human-centered engineering): Research to propose and actualize solutions to human-centered engineering issues related to the various practical problems, after deep consideration of humans and the living environment that surrounds them, and evaluate them from the perspectives of engineering and human living.
- Doctorate (engineering): Research to propose, design, and develop new technology for solutions to engineering issues related to the various practical problems, after consideration of humans and the living environment that surrounds them, and evaluate the results of development from the perspectives of technology and engineering. From an engineering perspective, a significantly high degree of novelty and usefulness is required.
- Doctorate (academics): The study that I examined problem solution of the engineering for realistic problems and put an important point in a human being and life, and evaluated the living environment which surrounded human being and it from the viewpoint of human science, sociology, history generally.