

## 4-1 Admissions Policy

### (a) Overall

#### **[Ochanomizu University Overview and Policies (Admissions Policy)]**

Ochanomizu University's mission is to be "a place where all women who are motivated to learn can realize their earnest dreams." The University aims to develop female leaders who have a broad range of learning and a high level of expertise. Accordingly, we have continuously reformed education, and on the heels of our implementation of 21st century liberal arts education integrating the humanities and sciences (2008 academic year), we introduced the Multiple Program Elective Course System and launched a new specialized education curriculum in the 2011 academic year.

Under the Multiple Program Elective Course System, students learn in specialized education programs according to their career plans and interests. The first program in which students learn is the "main program" established by the division to which they belong (Required). The second program is the "enhancement program" in which students dedicate themselves deeply to an area of specialization, the "secondary program" in which students learn in areas outside their own area of specialization, or the integrated, interdisciplinary-type "interdisciplinary program," as selected by the student (Elective). In addition, four-year "special programs" aligned with each educational goal have been established in the Division of Human and Social Sciences and the Division of Performing Arts of the Faculty of Letters and Education, and the Division of Nutrition and Food Science of the Faculty of Human Life and Environmental Sciences. After enrollment, students are affiliated with the division, department, program, etc., that operates the main program (or special program), and take the initiative to study according to their own aims and interests.

Ochanomizu University provides a site for career development that will enable all women, regardless of age or nationality, etc., to play an active role as self-sustained women in diverse fields throughout their lives. We anxiously await the enrollment of students who embrace intellectual curiosity and the spirit of inquiry, and who are highly motivated to learn.

#### **[Master's Program Overview and Admissions Policy]**

The purpose of the Master's Program is to provide deep and detailed knowledge from a broad perspective, and to foster the ability to engage in research in the field of specialty or the high level of ability needed for jobs, etc., that require a high level of specialization.

#### **[Doctoral Program Overview and Admissions Policy]**

The purpose of the Doctoral Program is to help students develop the creative abilities that are required to conduct high-level specialized research and high-level interdisciplinary research established on the foundation of the area of specialty, and acquire the research capabilities required to conduct research activities independently or engage in other high-level specialized work, as well as the wealth of knowledge that will serve as a foundation for those abilities.

### (b) Faculty/Division General Entrance Exam

#### **[Faculty of Letters and Education (Overall)]**

From ancient to modern times, humans in a variety of regions around the world have created languages and other aspects of culture and scientific technology, and have developed the fabric of society, including politics, economy, and education. To understand humans, culture, and society, it is necessary to place contemporary society along the temporal and spatial axes, and take a multidimensional approach that includes both the macro and micro perspectives. The Faculty of Letters and Education is a comprehensive faculty in the humanities and social sciences that addresses humans, culture, and society. The Faculty consists of four divisions--the Division of Liberal Arts and Humanities, the Division of Languages and Culture, the Division of Human and Social Sciences, and the Division of Performing Arts. The Division of Liberal Arts and Humanities, the Division of Languages and Culture, and the Division of Human and Social Sciences each have multiple programs for specialized education (main, enhancement, secondary, and interdisciplinary programs), and together have established the Global Studies for Intercultural Cooperation Program (main, interdisciplinary). In addition, the Human Developmental Sciences special program has been established in the Division of Human and Social Sciences, and the Dance and Dance Education special program and the Music Expression special program have been established in the Division of Performing Arts, each as four-year specialized education programs. The Faculty utilizes diverse programs and small-group education to provide a curriculum that enables students to learn in both a deeply specialized and a broadly comprehensive manner.

The purpose of high school education is to help students "live well" in their post-high school lives.

Applicants to the Faculty of Letters and Education are expected to have taken courses and studied deeply and

passionately in a broad range of subjects in high school, including not only courses in the humanities, but in mathematics and the sciences as well. We look forward to hearing from applicants who are rich in motivation, capability, and individuality, and who aim to become leaders in diverse fields.

#### Division of Liberal Arts and Humanities, Faculty of Letters and Education

The Division of Liberal Arts and Humanities aims to provide students with an opportunity for the comprehensive learning of human knowledge that takes a broad cultural approach to all of the various phenomena of human history that will lead to wisdom in the future, and to enable them to acquire knowledge in both a deep and a broad manner, independently discover original questions on that foundation, diligently gather and organize the required materials and data, then develop unique theories. The purpose of the Division is to foster such comprehensive capabilities that will, without question, be required whether students continue their studies or are active in society.

Applicants should have taken a variety of courses and studied a broad range of subjects in high school, as well as have independently engaged in reading and investigation of topics that they are interested in, thereby experiencing the enjoyment of intellectual inquiry. We would like to receive students who do not merely "wait for instructions," but who have flexible thinking skills that allow them to consider things from multiple angles, as well as the motivation to reach ingenious solutions.

The Division of Liberal Arts and Humanities consists of three departments: the Department of Philosophy, Ethics, and Art History, the Department of Comparative History, and the Department of Geography. After enrollment, students identify what they would like to study, then at the end of their first year, select a main program offered by the individual departments of the Division of Liberal Arts and Humanities and the Global Studies Program.

#### In the first round of the entrance exam

The combined total of the applicant's scores on the National Center Test for University Admissions and the University's individual academic achievement tests is used to determine whether she has passed that round.

#### In the second round of the entrance exam

The combined total of the scores of the student's three highest-scoring subjects in the National Center Test for University Admissions (150 points) and the University's test (100 points) is used to take a more individual look at the student's academic abilities, and determine whether she has passed that round. The University's test is a short-essay test in which applicants read English texts and provide an argument in response to questions. Examinees are permitted to utilize an English-Japanese dictionary (excluding electronic dictionaries) during the test. The reason is that we place more emphasis on the ability of applicants to accurately grasp the overall meaning of the English text (reading comprehension) than their ability to do a literal translation of the text. In addition, factors such as the creativity of the examinees' ideas, their ability to construct logical arguments, and their ability to express themselves in writing richly and accurately, are used in the evaluation.

#### Division of Languages and Culture, Faculty of Letters and Education

In school, you have mainly come into contact with language and literature in courses on your native language or foreign languages. Even more than that, from the time you were born until today, you have acquired the ability to use words and have encountered moving literary works during the course of life at home or in society. In that process, there are probably very few people who have never felt the beauty and mystery of words and literature.

In the Division of Languages and Culture, you will learn how to express vague emotions and questions in precise language, as well as how to explain and clarify them, through study and research. In addition, you will discover the enjoyment and mystery of words and literature that had escaped you in the past, by learning such methods. Further, you will gain an understanding of the unique cultures and ideas of the Japanese, Chinese, English, and French-speaking regions, as well as interaction and exchange between differing cultures. Further, the Japanese Language Education secondary program in which students study the theory and methods of Japanese language education—something considered a necessity in a globalizing society—has been established. We seek students who are interested in such intellectual activities, and who have sufficient basic academic skills, lively intellectual curiosity, and a love of words. Students select their main program at the end of the first year after enrollment.

#### In the first round of the entrance exam

The combined total of the applicant's scores on the National Center Test for University Admissions and the University's individual academic achievement tests is used to determine whether she has passed that round. We do not give particular weight to the Japanese and foreign languages scores from the National Center Test for University Admissions. The reason is that the method of selection utilized by the Division of Languages and Culture is designed to select students who have studied solidly until the end of high school without neglecting any subjects. The National Center Test for University Admissions assesses applicants' basic academic skills in five or six main subjects. The University's individual academic achievement test addresses Japanese and foreign languages. In addition to fundamental knowledge in both areas, the test shows whether the examinee has the ability to accurately read long texts, and to express her own ideas properly in well-organized text.

#### Division of Human and Social Sciences, Faculty of Letters and Education

The Division of Human and Social Sciences seeks applicants who are motivated to gain a deep understanding of humans and utilize that understanding for practical application. The Division addresses three areas of research: thinking about the societal aspects of human awareness and behavior (sociology), examining psychological aspects (psychology), and considering human development from multiple perspectives (educational science). The common thread running through these areas is inexhaustible interest in "humans," including the student herself. We look forward to welcoming students who have a desire to clarify the variety of problems related to humans in a scholarly manner, then utilize the knowledge they obtain in real situations.

Please take a variety of courses and study a broad range of subjects in high school. In particular, Japanese, English (foreign languages), and mathematics are likely to be helpful in the development of the basic abilities that are extremely important in learning and conducting research at a university. We also welcome students who have acquired the stance and ability to think deeply about humans, through their study of geography, history, civics, and science.

The Division of Human and Social Sciences has three programs: Sociology, Psychology, and Educational Sciences. After enrollment, students consider the characteristics of each program and their own interests, and at the end of their first year, students select either main program or Global Studies for Intercultural Cooperation main program. On top of that, students can select the Human Developmental Sciences special program at the time of enrollment and study in it for all four years, with the aim of earning nursery school or elementary school teacher's license certification and implement their learning in an educational setting.

#### In the first round of the entrance exam

The National Center Test for University Admissions is used to assess whether applicants have acquired a broad range of basic knowledge and learning. The individual academic achievement tests of each division utilize entrance examinations in three subjects--Japanese, mathematics, and foreign languages--with the aim of finding applicants who have acquired the basic capabilities that are vital to conducting research at a university.

#### In the second round of the entrance exam

A short-essay portion is added to the five or six subjects tested by the National Center Test for University Admissions to assess not only whether the examinee has a broad range of basic learning, but also to take an individual look at the student's academic abilities. The short-essay portion assesses the examinee's ability to "read, think, and express," etc.

#### Division of Performing Arts, Faculty of Letters and Education

The Division of Performing Arts seeks students who are passionate about investigating performance in the form of artistic and expressive activity, while at the same time conducting scholarly research in that area as well. Although small in scale, we are a university, so students are expected to take a proactive stance and utilize the characteristic traits of a university to the fullest in order to pioneer a variety of new possibilities themselves.

In order to allow students to acquire both theory and practical skills of dance and dance education and music, the Division has adopted four-year consistent special curriculum (program), instead of adopting the Multiple Program Elective Course System. Students will take the course (program) they chose in the entrance

exam.

[Dance and Dance Education]

The special program seeks energetic individuals who are able to proactively conduct research on human physical activity and expression, focusing on dance, but ranging from sports to daily actions, utilizing a balanced approach through a theoretical perspective as well as actual practice. Dance is related to every subject studied in high school, so please take a wide variety of courses. Give particular attention to physical education, Japanese, and English, and be sure to acquire a solid foundation of basic athletic ability, writing ability, and English reading ability.

[Music]

Along with being related to human sensitivity, music is a sophisticated intellectual and social activity, and is deeply rooted in human behavior. The special program is especially suited to individuals who have the broad desire for both thorough study and actual practice. All of the subjects that you learn in high school are important, but you should get a particularly solid grasp not only of music, but of English and world history as well.

In the first round of the entrance exam

The combined total of the applicant's scores on the National Center Test for University Admissions and the University's individual academic achievement tests is used to determine whether she has passed that round. However, the average score of all subjects in the practical examination must be at least 60% to pass.

In the second round of the entrance exam

The applicant's score on the National Center Test for University Admissions is used to determine whether she has passed that round. However, the average score of all subjects in the practical examination must be at least 60% to pass.

Division of Global Studies for Intercultural Cooperation, Faculty of Letters and Education

The concept of Global Studies for Intercultural Cooperation consists of combining the three areas of (i) regional research/culture, (ii) multicultural interaction/coexistence, and (iii) international relations/cooperation to approach the issues of globalizing contemporary society dynamically and engage in hands-on learning.

Its characteristic feature is that students from any of the three divisions in the Faculty of Letters and Education (Division of Liberal Arts and Humanities, Division of Languages and Culture, Division of Human and Social Sciences) can select it as their main program. In addition, by participating in one of the secondary programs in the division with which the student is affiliated, she will be able to engage in interdisciplinary learning. These characteristics are what have given the Division its name.

Individuals who would like to study in the Division of Global Studies for Intercultural Cooperation should select a division to apply to in accordance with their personal interests and areas of strength. Please visit the website of Global Studies for Intercultural Cooperation, the Faculty of Letters and Education for curriculums and other detailed information.

**[Faculty of Science (Overall)]**

The Faculty of Science is mainly a place to investigate the laws and principles of the natural world through research in fundamental scientific areas. The Faculty of Science consists of five departments: the Department of Mathematics, the Department of Physics, the Department of Chemistry, the Department of Biology, and the Department of Information Sciences. The Faculty has conducted high-level education and research through the type of detailed guidance only possible in small groups, and has developed many promising individuals as one of the few faculties of science at a women's university. Recently, many undergraduate students advance to graduate school, with the average number exceeding 70%.

The Faculty aims to accept women who are full of intellectual curiosity into this type of educational and research site, develop the next generation of leaders or individuals who will constitute the core, and send them out into society.

Applicants to the Faculty of Science should not only take high school courses in mathematics and the sciences (physics, chemistry, and biology), acquire logical thinking skills, and establish a foundation of basic knowledge of the natural sciences, but should also take a broad range of courses in the humanities (Japanese,

social sciences, and English), and gain the ability to write logical, coherent sentences.

The "Entrance Examination by Commendation" and the "Special Entrance Exam for International Students and Returnee Students" also evaluate performance in contests related to the intended department.

#### Department of Mathematics, Faculty of Science

Mathematics is a field of study that investigates the forever unchanging numbers and diagrams that are in the background of all phenomena. We believe that a study of mathematics will enable you to encounter soul-stirring beauty and things that will be helpful in daily life, as well as give you a method of strict reasoning that will allow you to gain insight into the world.

From this point of view, the Department of Mathematics is looking for individuals who have the following goals.

- Individuals who want to make mathematics their profession, such as becoming a teacher or a researcher
- Individuals who want to use their mathematical education in a job that supports society
- Individuals who are highly motivated to study mathematics

The following is required from entrance examinees.

- A sufficient understanding of mathematics in high school and the mathematical knowledge required for lectures at a university
- The ability to extract mathematical meaning from written text
- The ability to communicate to others your own ideas by expressing them in mathematical and logical sentences.

Entrance exam questions: The range of questions regarding mathematics is limited to items that high school students can understand immediately from the textbook by thinking logically, in accordance with the intent of the educational guidelines.

#### In the first round of the entrance exam

Most of the questions are standard questions that test the examinee's basic academic skills, with a few that test her ability to think in a flexible manner. The standard questions do not only assess the ability to solve problems by determining "whether the answer is correct," but also the ability to "logically read and write text," as has been mentioned. In mathematics as in other fields, explaining your own ideas requires the ability to clarify your reasoning in discussions. Accordingly, examinees who provide answers as if they were writing a short essay using mathematical formulas are likely to get high scores. The applicant's score on the National Center Test for University Admissions, application documents, and the results of the University's individual academic achievement test are used to determine whether she has passed that round.

#### In the second round of the entrance exam

Selection is made with the focus on mathematical ability. The University's individual academic achievement test (mathematics) assesses the examinee's ability to accurately understand and apply basic mathematical concepts learned in high school, the ability to make basic calculations correctly, and the ability to clarify and logically communicate her own ideas. The University's individual academic achievement test for foreign languages is also used in the selection, in accordance with the need to read literature on mathematics written in foreign languages and our intent to develop individuals who can be active on the international stage.

#### Department of Physics, Faculty of Science

We seek students who are able to think for themselves to identify and solve problems. (Students are able to receive appropriate advice and guidance from teaching staff members as needed, of course.) In addition, students should be rich in humanity and have a character with superior ability to work with others, as well as patience. We hope that, after graduation, our students will become women who can utilize from a variety of aspects the "ability to discover and apply the laws of things" that they have cultivated through the study of physics, and who can fulfill leadership roles in society. However, we believe that, ultimately, the most

important thing is to "live a full and vibrant life through the study of physics."

In the first round of the entrance exam, we utilize the National Center Test for University Admissions to judge whether applicants have acquired a broad range of learning, in order to find individuals who are rich in humanity. In addition, the University's physics test does not merely assess the examinee's ability to memorize formulas, but includes a variety of unique problems to assess the examinee's "ability to discover and apply the laws of things." The ability to analyze and express things mathematically is required to utilize these abilities. Accordingly, a mathematics test is given. The combined total of the applicant's scores on the National Center Test for University Admissions and the University's individual academic achievement tests is used to determine whether she has passed that round, with her application documents also used for reference.

The second round of the entrance exam consists only of the National Center Test for University Admissions. The purpose of this is to use a well-balanced set of questions to find students who have acquired a broad range of learning, but the physics and mathematics tests will be prioritized in accordance with the admissions policy of the Department of Physics. The combined total of the applicant's scores on the National Center Test for University Admissions is used to determine whether she has passed that round, with her application documents also used for reference.

#### Department of Chemistry, Faculty of Science

Chemistry is closely related with all fields of the natural sciences, with atoms and molecules as the intermediaries. The field stretches from areas in which an understanding of physics and mathematics is crucial, to areas in which a knowledge of biology and geoscience is necessary. Accordingly, applicants to the Department of Chemistry should have taken a broad range of high school courses in addition to chemistry, in particular physics and biology, which will serve as a foundation for these areas, and are expected to have strong logical thinking skills and a solid foundation of knowledge in the natural sciences. In addition, because students will also be required to have the linguistic ability to read texts written in English, they need to learn English sufficiently in high school. After students enroll, student experiments are emphasized to foster the ability to conduct experiments, as the foundation for specialized learning and research.

#### In the first round of the entrance exam

The combined total of the applicant's scores on the National Center Test for University Admissions and the University's individual academic achievement tests is used to determine whether she has passed that round, with her application documents also used for reference. The University's individual academic achievement test assesses not only the examinee's basic academic abilities, such as her knowledge and understanding of chemistry, but also her ability to reason logically and her ability to correctly express her line of thinking that leads to the answer.

#### In the second round of the entrance exam

The second round of the entrance exam includes the National Center Test for University Admissions and the University's individual academic achievement test (short essay).

In the National Center Test for University Admissions, particular weight is placed on science, but tests on mathematics, foreign languages, and Japanese, etc. are also emphasized, in order to assess whether the applicant has a wide range of basic knowledge and understanding, focusing on chemistry. The applicant's score on the National Center Test for University Admissions, and the results of the University's individual academic achievement test are used to determine whether she has passed that round, with her application documents also used for reference. Be aware that, after enrollment, an understanding of the material taught in Chemistry II and Mathematics III is a prerequisite for major courses in the Department of Chemistry.

#### Department of Biology, Faculty of Science

Biology is the study of the complex and diverse life phenomena of varied and diverse natural life, from microorganisms to humans. This requires the ability to think in a flexible manner from a variety of perspectives, as well as a broad range of basic knowledge to support that ability. Accordingly, students should have taken courses in a wide range of subjects, including both the humanities and the sciences, during high school, and have fostered logical thinking skills and intellectual curiosity. In addition, we seek students who have motivation and power to observe the complex and diverse life phenomena of natural life, interact

patiently with natural life, think and identify problems on their own, and solve those problems through trial and error. Students are expected to deepen their interest in and understanding of natural life, and develop into individuals who can build up more plentiful intellectual assets in human society.

#### In the first round of the entrance exam

We assess not only the applicant's basic knowledge and way of thinking about living organisms, but also her ability to understand data and diagrams, and the ability to think about them in combination. We also believe that the logic and understanding of mathematics, physics, and chemistry are also important. Accordingly, tests in mathematics, physics, and chemistry (optional) are given. In addition, the opportunities to read books and other literature in a foreign language as well as the opportunities to present research findings in a foreign language increase with each year in school. Accordingly, a foreign language test is given. The combined total of the applicant's scores on the National Center Test for University Admissions and the University's individual academic achievement tests is used to determine whether she has passed that round, with her application documents also used for reference. If total scores are identical, the score on the University's test for biology will be prioritized.

#### In the second round of the entrance exam

The second round of the entrance exam includes the National Center Test for University Admissions and the University's individual academic achievement test (short essay and interview, including oral examination). We place emphasis on the science portion of the National Center Test for University Admissions to assess whether the examinee has acquired a wide range of knowledge and ways of thinking regarding science. The short essay portion assesses whether the examinee has the ability to think flexibly and logically in order to analyze life phenomena from a variety of perspectives, and the ability to address and resolve problems. The interview is used to assess the applicant's overall thinking ability through a question and answer session with members of the faculty. At the same time, we place emphasis on the applicant's motivation to study biology.

#### Department of Information Sciences, Faculty of Science

Information science is a new field of study in which the concept called "information," the existence and value of which have been confirmed by the advent of computers, is recognized as one of the main building blocks of our world, along with energy and matter, and in which the principles of the generation, management, and use of information is the target of research. Today, its application is not limited to the natural sciences and engineering, but extends into the social sciences and the humanities as well. We are looking for students who want to understand the depth of the field and learn the findings of past research, and who have the desire to contribute proactively to its development in the future. Information science is a field that is attempting to develop unique methodologies on the foundation of the great predecessor of past thinking in the mathematical and natural sciences, and therefore requires a broad and deep appreciation for the sciences. We heartily welcome students who believe from the bottom of their hearts that it is women who will bolster the scientific technology of the twenty-first century through information sciences, students who would like to believe it, and students who realized now as they read it that that was the case.

In the first round of the entrance exam, we utilize the National Center Test for University Admissions to judge whether applicants have acquired a broad range of learning, in order to find individuals who are rich in humanity. As the fundamental concept indicates, information science is a profound field of study. We are looking for students who have studied mathematics and the sciences overall in high school. Accordingly, the exam for the University's Department of Information Sciences allows students to select two subjects from among the four science exams (mathematics, physics, chemistry, and biology). In addition, mathematics is one of the basic abilities needed for science, so the Department places emphasis on mathematics in the exam as well. The combined total of the applicant's score on the National Center Test for University Admissions and the weighted score on the University's individual academic achievement test is used to determine whether she has passed that round, with her application documents also used for reference. (See the point allocation chart in the application guidelines for details.) If total scores are identical, the score on the University's individual academic achievement test will be prioritized. It will not be assumed that students are able to use a computer at the time of enrollment.

The second round of the entrance exam consists of the National Center Test for University Admissions and the University's own mathematics test. The intent of requiring the National Center Test for University Admissions is to use a well-balanced set of questions to find students who have acquired a broad range of

learning, but the mathematics, science, and foreign language scores will be prioritized in accordance with the admissions policy of the Department of Information Sciences. Further, the University's mathematics test is given based on the desire to find students who have the mathematics education needed to study information science.

The decision on whether the applicant has passed the round is based on the combined score on the National Center Test for University Admissions, with emphasis on the three aforementioned subjects, and the University's mathematics test, with the examinee's application documents also used for reference. (See the point allocation chart in the entrance examination guidelines for details.) It will not be assumed that students have learned how to use a computer at the time of enrollment.

### **[Faculty of Human Life and Environmental Sciences (Overall)]**

In the Faculty of Human Life and Environmental Sciences, students reexamine from a variety of perspectives the relationship between humans and the environment in the context of human living and lifestyle, and seek to understand the nature of a truly balanced human life.

Today, advances in scientific technology and rapid economic growth have made it possible to enjoy a materially abundant and comfortable lifestyle. However, this has also given rise to problems that come from drastic changes in the natural environment and social circumstances. To deal with such problems it is necessary to foster an approach that considers them from multiple angles, from the perspectives of both natural and social science.

To respond to this requirement, the Faculty of Human Life and Environmental Sciences has established departments and programs related to food science and health, humans and the environment, human development and mental health, human life and society, and human life and culture. Each department and program utilizes small-group experiments, practical training, and exercises to provide individualized education, while at the same time offering a curriculum that encourages the acquisition of qualifications and certifications that will be useful in society (dietitian license, eligibility for national exams to become a national registered dietitian, eligibility for the Class-1 architect examination, home economics teaching license, etc.).

However, the Faculty of Human Life and Environmental Science aims not only to enable students to deepen their individual specializations, but also to utilize the Faculty's unique integration of the humanities and the sciences to develop female leaders who have an interest in other fields of specialization and the ability to tackle real problems of human living from a multifaceted and comprehensive perspective, and will be able to play an active part in various aspects of society in the future.

All subjects studied in high school form the foundation needed to study at a university. Regardless of which division students apply to, we are looking for applicants who have well-rounded academic abilities, including home economics, art, and health and physical education.

### **Division of Nutrition and Food Science, Faculty of Human Life and Environmental Sciences**

The aim of the education provided by the Division of Nutrition and Food Science is to develop specialists who will become leaders in society, who have a scientific perspective on food, nutrition, and health, and who have acquired the ability to put their knowledge into action toward the achievement of an abundant dietary life and a healthy society. To accomplish this, we conduct a broad range of education and research, from the molecular, genetic, and cellular levels to human nutritional science, in a variety of fields of learning related to food and nutrition. The requirement to undertake practical assignments including many long-term experiments and hands-on exercises is a particular feature of the Division. Students conduct experiments and take practical courses from their first and second years, and in the third year each afternoon is devoted to such hands-on learning. Graduates of the Division who have taken the designated courses are able to obtain a dietitian license and eligibility for national exams to become a national registered dietitian, and qualification for a food sanitation inspector. Students can also acquire a Nutrition Educator's License (Class 1).

Since the Division's educational and research activities are based on experimental science that emphasizes connections with life and society, students entering the Division are expected to be capable of patiently working through experiments and practical exercises, thinking and acting on their own initiative, and communicating effectively with others as they progress. They are expected to have obtained a solid grounding in science and mathematics at high school and to place importance on learning based in real life. Specifically, students are required to take at least two courses from among Physics I and II, Chemistry I and II, and Biology I and II in the science area, and Mathematics I, II, A, and B in the mathematics area. They are also expected to



have actively engaged in practical subjects such as home economics and physical education.

#### In the first round of the entrance exam

We use the National Center Test for University Admissions (5 areas, 7 subjects) and the University's individual academic achievement tests (mathematics, science, foreign language) to assess the applicant's knowledge of the natural sciences and a wide range of other basic academic skills.

#### In the second round of the entrance exam

The results of the National Center Test for University Admissions are emphasized in the second round of the entrance exam. In the interview, we confirm the applicant's motivation and suitability to study at the University, and may ask questions regarding basic knowledge in the natural sciences. Interviews are scored on an ABC scale, and are used as materials for decisions on acceptance.

### Division of Human-Environmental Science, Faculty of Human Life and Environmental Sciences

Humans have continuously changed their environment in the pursuit of convenience, comfort, and safety. Food has become more abundant, daily life has become more convenient, disease has decreased, and life-spans have lengthened. However, on the other hand, humans have been unable to adapt to the extremely significant and rapid changes in the environment, and various problems have arisen that affect the survival of humankind as well. Because of this, the Division of Human-Environmental Science conducts research and education to enable people to evaluate, design, and propose mutual impact between humans and the environment in a concrete manner and to create a better living environment, and from the perspective of "the environment for humans, and humans for the environment." In addition, students can obtain eligibility for exams to become a first-class registered architect by meeting certain standards in architecture-related courses.

The main fields of study in the Division include architectural design, architectural planning, architectural environment engineering, physical anthropology, human physiology, ergonomics, welfare engineering, materials and environmental science, environmental assessment, environment engineering, and architecture (planning and design). The Division welcomes individuals who like the natural sciences, individuals who want to obtain sufficient learning in basic science related to humans and the environment and research those areas more deeply, and individuals who want to contribute as specialists to the creation of a truly healthy, rich, and abundant life. Applicants should gain a solid foundation in mathematics and science in high school. Specifically, it is highly recommended that students take Mathematics I, II, A, and B in the mathematics area, and at least two courses from among Physics, Chemistry, Biology, and Geology in the science area. In addition, it is preferable if students have taken Mathematics III.

In the first round of the entrance exam, we use the National Center Test for University Admissions (5 areas, 7 subjects) and the University's individual academic achievement tests (mathematics, science, foreign language) to assess the applicant's knowledge of the natural sciences and a wide range of other basic academic skills.

The results of the National Center Test for University Admissions are emphasized in the second round of the entrance exam. In the interview, we confirm the applicant's motivation and suitability to study at the University, and may ask questions regarding basic knowledge in the natural sciences. Interviews are scored on an ABC scale, and are used as materials for decisions on acceptance.

### Division of Human Life Studies, Faculty of Human Life and Environmental Sciences

Human daily life is a complex and comprehensive activity in which life-long human development, the ideal nature of human society to enable the activities of daily life, ethnicity, history, tradition, culture, and a variety of other aspects are mutually linked. Our highly complex contemporary society needs people who are able to gain a comprehensive understanding of the complex activities of daily human life, clarify the conditions and social structures that will enable humans to live vibrantly throughout their lives, as well as the ideal nature of culture, and achieve those things.

The Division of Human Life Studies utilizes three interrelated approaches in an aim to develop individuals who will lead the way toward this type of rich and abundant daily human life. The approaches are from the perspective of (1) an understanding of the link between an understanding from the perspective of developmental psychology, clinical psychology, and child studies related to human life-long development and implementation of the concepts, and understanding that will be of use in the home, in childcare, in clinical

psychology, and in other contexts (developmental clinical psychology), (2) a social scientific understanding of daily life, society, and the relationship between the two, including issues such as the family, consumers, women, senior citizens, children, systems, and policies, etc., with an eye on the multidimensional environment, from the local to the international community (social science and family studies), and (3) an understanding of the history and current state of lifestyle and culture from the perspective of aesthetics, comparative culture, and ethnology, focusing on the things that have the closest connections to humans, such as clothing, housing, crafts, design, and other elements of the formation of daily life (cultural and historical studies). We hope that students who have interest in and awareness of such issues and are motivated to conduct related research, students who would like to contribute to the creation of a society that values humanity in the midst of our confused contemporary lifestyle, and students who are passionate about achieving an enriching life, will choose to study in the Division of Human Life Studies. Applicants should consider the three approaches used by the Division of Human Life Studies and study a wide range of the fundamentals of the humanities in high school, including courses in geography, history, and civics. Students select their main program at the end of the first year after enrollment.

#### In the first round of the entrance exam

We use the National Center Test for University Admissions (5 or 6 areas, 7 or 8 subjects) and the University's individual academic achievement tests (2 areas: foreign languages, Japanese or mathematics) to assess the applicant's wide range of basic academic skills.

#### (c) AO Entrance Exam

##### **[Ochanomizu University Educational Philosophy and AO Entrance Examination (New Humboldt Entrance Examination) ]**

Ochanomizu University has positioned the development of female global leaders as its educational goal, and has established a variety of programs accordingly. The University began implementing its “21st century liberal arts curriculum that integrates the humanities and sciences” in AY2008 in order to develop a foundation for mastering the utilization of specialized knowledge in diverse contexts. In addition, the University introduced a student-oriented “multiple program elective course system” into the specialized curriculum in AY2011. Under the Multiple Program Elective Course System, students learn in specialized education programs according to their career plans and interests. The first program in which students learn is the “main program” established by the division to which they belong (Required). The second program is the “enhancement program” in which students dedicate themselves deeply to an area of specialization, the “secondary program” in which students learn in areas outside their own area of specialization, or the integrated, interdisciplinary-type “interdisciplinary program,” as selected by the student (Elective). In addition, four-year “special programs” aligned with each educational goal have been established in the Division of Human and Social Sciences and the Division of Performing Arts of the Faculty of Letters and Education, and the Division of Nutrition and Food Science of the Faculty of Human Life and Environmental Sciences. After enrollment, students are affiliated with the division, department, program, etc., that operates the main program (or special program), and take the initiative to study according to their own aims and interests.

Ochanomizu University provides a site for career development that will enable all women, regardless of age or nationality, etc., to play an active role as self-sustained women in diverse fields throughout their lives. We anxiously await the enrollment of students who embrace intellectual curiosity and the spirit of inquiry, and who are highly motivated to learn.

##### **[Ochanomizu University's Educational Philosophy and the Intent of the AO Entrance Examination]**

Ochanomizu University has positioned the development of female global leaders as its educational goal, and has established a variety of programs accordingly. The University began implementing its “21st century liberal arts curriculum that integrates the humanities and sciences” in AY2008 in order to develop a foundation for mastering the utilization of specialized knowledge in diverse contexts. In addition, the University introduced a student-oriented “Multiple Program Elective Course System” into the specialized curriculum in AY2011 in order to develop women who have basic expertise that is both creative and practical, and also established a new Learning Support Center and a structure to support achievement of a proactive learning process. Beginning in

AY2012, the University's efforts to promote the development of global human resources have included establishment of a curriculum aimed at the globalization of university education. We have further strengthened our language education, international studies, multicultural exchange, and other programs to develop human resources who will be active on the international stage, and encourage students to study abroad at overseas partner universities. In AY2014, the University switched to a quarter system to make it easier to study overseas while in school.

To welcome students who are motivated and full of potential, and who desire to learn in such an education system, the University will implement a new AO entrance examination beginning with the AY2017 entrance exam. The new entrance exam consists of two stages. The first is the pre-seminar, which is the setting for the initial selection, and the secondary examination, with two days allotted for each. A considerable amount of time and effort goes into this unique new type of AO entrance exam.

First, in the pre-seminar, AO examinees will experience a university class in person (attendance mandatory). Short reports and other documents submitted there will be evaluated and the initial selection will be made. In the secondary selection, humanities applicants will write reports using literature and other documents in the Ochanomizu University Library. In addition, examinees' reasoning ability, ability to identify issues, and originality, etc., are evaluated through group discussions and interviews (library entrance exam). Sciences applicants will be given assignments such as experiments, experiment demonstrations, and data analysis, etc., matching the specialty of each faculty, and will give presentations on their special research utilizing what they have learned in high school, in order to evaluate their ability to do research (laboratory entrance exam). We would like to use an evaluation of the results and processes to carefully identify potential that cannot be measured by the typical "paper test." It is an entrance examination that evaluates not merely the extent of the examinee's knowledge (memorization), but rather the ability to apply that knowledge.

Through this entrance exam, we would like to welcome students who have the ability to conduct in-depth and broad research on a foundation of basic academic abilities, and students who have abundant potential that will allow them to refine further their talents through their studies after enrolling, after going out into society, or when conducting research in graduate school. Please take on the challenge of the entrance exam with the abilities that you are developing now while studying in high school.

### **[The Type of Person the University Seeks]**

We seek individuals who are highly motivated to study at Ochanomizu University and who have a sufficient level of basic academic skills needed to refine their specialties. In addition, we welcome individuals who have a deep intellectual curiosity in a variety of things, whether in the humanities or the sciences, the ability to identify issues and research them diligently, and the potential to find original answers.

Specifically, we seek individuals to whom at least one of the following applies.

1. The individual has the communication and application skills needed to communicate knowledge and opinions to other people, and to put those ideas, etc., into practice.
2. Students who aspire to, and have a broad interest in, the search for truth and the creation of value.
3. The individual has a clear vision of her own future and the future of society.
4. The individual thinks from a global perspective and has a desire to be active on the international stage (whether domestic or overseas).

### **[Divisional/Departmental Admission Policies]**

#### **Division of Liberal Arts and Humanities, Faculty of Letters and Education**

The Division of Liberal Arts and Humanities aims to provide students an opportunity for the comprehensive learning of human knowledge that takes a broad cultural approach to all of the various phenomena of human history that will lead to wisdom in the future. The ability to acquire knowledge in both a deep and a broad manner, independently discover original questions on that foundation, diligently gather and organize the required materials and data, then develop unique theories. The purpose of the Division is to foster such comprehensive capabilities that will, without question, be required whether students continue their studies or are active in society. Applicants should have taken a variety of courses and studied a broad range of subjects in high school, as well as have independently engaged in reading and investigation of topics that they are interested in, thereby experiencing the enjoyment of intellectual inquiry. We would like to receive students who do not merely "wait for instructions," but who have flexible thinking skills that allow them to consider things from multiple angles, as well as the motivation to reach ingenious solutions.

The Division of Liberal Arts and Humanities consists of following programs: the Program of Philosophy, Ethics, and Art History, the Program of Comparative History, and the Program of Geography. After enrollment,

students identify what they would like to study, then at the end of their first year, select a main program offered by the Division of Liberal Arts and Humanities or the Global Studies Program. Through the AO Entrance Exam, we seek students who have well-balanced basic academic skills in English, mathematics, and Japanese, and who have a concrete vision of their future to a certain extent.

#### Division of Languages and Culture, Faculty of Letters and Education

The Division of Languages and Culture consists of following main and enhancement programs: the Program of Japanese Language and Literature, the Program of Chinese Language and Culture, the Program of English Language and Culture, and the Program of French Language and Culture. These departments aim to help students acquire a deep understanding of, and a high level of proficiency in, the relevant language, and conduct full-scale analysis of the literature and culture of each linguistic area. Accordingly, in all of these programs, we seek students who have a sufficient level of basic academic abilities in both the humanities and science, and who have a lively intellectual curiosity, and a love of words. Ultimately, the student's main program is determined at the end of her first year after enrollment, under the same conditions as students who were admitted through the general entrance exam.

#### Division of Human and Social Sciences, Faculty of Letters and Education

The Division of Human and Social Sciences seeks applicants who are motivated to gain a deep understanding of humans and utilize that understanding for practical application. The Division addresses three areas of research: thinking about the societal aspects of human awareness and behavior (sociology), examining psychological aspects (psychology), and considering human development from multiple perspectives (educational science). The common thread running through these areas is inexhaustible interest in "humans," including the student herself. We look forward to welcoming students who have a desire to clarify the variety of problems related to humans in a scholarly manner, then utilize the knowledge they obtain in real situations. Please take a variety of courses and study a broad range of subjects in high school. In particular, Japanese, English (foreign languages), and mathematics are needed for the development of the basic abilities that are extremely important in learning and conducting research at a university. In addition, we also welcome students who have acquired the stance and ability to think deeply about humans, through their study of geography, history, civics, and science.

After enrollment, students ultimately select a main program offered by one of the main programs or the Global Studies Program at the end of their first year, in the same manner as students who were admitted through the general entrance exam. Students select the Human Developmental Sciences special program at the time of enrollment.

#### Division of Global Studies for Intercultural Cooperation, Faculty of Letters and Education

The concept of Global Studies for Intercultural Cooperation consists of combining the three areas of (i) regional research/culture, (ii) multicultural interaction/coexistence, and (iii) international relations/cooperation to approach the issues of globalizing contemporary society dynamically and engage in hands-on learning.

Its characteristic feature is that students from any of the three divisions in the Faculty of Letters and Education (Division of Liberal Arts and Humanities, Division of Languages and Culture, Division of Human and Social Sciences) can select it as their main program. In addition, by participating in one of the secondary programs in the Division with which the student is affiliated, she will be able to engage in interdisciplinary learning. These characteristics are what have given the division its name.

Individuals who would like to study in the Program of Global Studies for Intercultural Cooperation should select a division to apply to in accordance with their personal interests and areas of strength. Please visit the website of the Program of Global Studies for Intercultural Cooperation, the Faculty of Letters and Education for curriculums and other detailed information.

#### Department of Mathematics, Faculty of Science

Mathematics is a field of study that investigates the forever unchanging numbers and diagrams that are in the background of all phenomena. We believe that a study of mathematics will enable you to encounter soul-stirring beauty and things that will be helpful in daily life, as well as give you a method of strict reasoning that will allow you to gain insight into the world. From that perspective, the Department of Mathematics seeks applicants who have the following types of goal, in addition to the type of person sought through the University's AO Entrance Exam.

- Individuals who want to make mathematics their profession, such as becoming a teacher or a researcher
- Individuals who want to use their mathematical education in a job that supports society
- Individuals who are highly motivated to study mathematics

The following is required from entrance examinees.

- A sufficient understanding of mathematics in high school and the mathematical knowledge required for lectures at a university
- The ability to extract mathematical meaning from written text
- The ability to communicate to others your own ideas by expressing them in mathematical and logical sentences

#### Department of Physics, Faculty of Science

We seek students who are able to think for themselves to identify and solve problems. In addition, students should be rich in humanity and have a character with superior ability to work with others, as well as patience. We hope that, after graduation, our students will become women who can utilize from a variety of aspects the "ability to discover and apply the laws of things" that they have cultivated through the study of physics, and who can fulfill leadership roles in society.

Through the AO Entrance Exam, we value individuals who have deep interest in physics and who have an experience of participating actively in physics contests, etc. Because the study of physics at the University requires thorough learning of physics and mathematics in high school, these subjects are assigned subjects.

#### Department of Chemistry, Faculty of Science

Chemistry has a close relation with all fields of the natural sciences, with atoms and molecules as the intermediaries. The field stretches from areas in which an understanding of physics and mathematics is crucial, to areas in which a knowledge of biology and geoscience is necessary. Accordingly, it is necessary to take high school courses in addition to chemistry, particularly mathematics and physics, that will serve as a foundation for these areas, and to acquire strong logical thinking skills. It is also necessary to learn about biology and earth science, and otherwise gain a broad range of knowledge in the natural sciences. In addition, experimentation and research are inextricably linked in the field of chemistry, so after students enroll, experiments are emphasized and laboratory work in diverse areas of chemistry is required during the first three years. Students then conduct graduation research in their fourth year as the culmination of that laboratory work and to enable them to participate at the actual site of chemical research.

In light of these factors, the AO Entrance Exam is used to evaluate the applicant's depth of interest in chemistry, backed up by the basic academic abilities needed to study chemistry, and the motivation to learn proactively that is built on that foundation, as well as the applicant's ability to conduct experiments independently, organize the results, make logical observations, and draw out conclusions.

#### Department of Biology, Faculty of Science

Biology is the study of the complex and diverse life phenomena of varied and diverse natural life, from microorganisms to humans. This requires the ability to think in a flexible manner from a variety of perspectives, as well as a broad range of basic knowledge to support that ability. Accordingly, students should have taken courses in a wide range of subjects, including both the humanities and the sciences, during high

school, and have fostered logical thinking skills and intellectual curiosity. In addition, we seek students who have motivation and power to observe the complex and diverse life phenomena of natural life, interact patiently with natural life, think and identify problems on their own, and solve those problems through trial and error. Students are expected to deepen their interest in and understanding of natural life, and develop into individuals who can contribute to more plentiful intellectual accumulation in human society. Through the AO Entrance Exam, we assess your experience conducting your own research assertively and actively in the various areas of biology, with a high awareness of issues, with particular emphasis on the spirit of inquiry into the mysteries of "living organisms." In addition, we also assess individuals who have taken a wide range of courses in the natural sciences and have acquired basic scientific knowledge and thought. We have created an environment in which students can begin research in a laboratory starting in their first year, so we hope that, after they enroll, students will follow the curriculum of the Department of Biology, and increase their biological expertise.

#### Department of Information Sciences, Faculty of Science

Information science is a new field of study in which the concept called "information," the existence and value of which have been confirmed by the advent of computers, is recognized as one of the main building blocks of our world, along with energy and matter, and in which the principles of the generation, management, and use of information is the target of research. Today, its application is not limited to the natural sciences and engineering, but extends into the social sciences and the humanities as well. We are looking for students who want to understand the depth of the field and learn the findings of past research, and who have the desire to contribute proactively to its development in the future. Information science is a field that is attempting to develop unique methodologies on the foundation of the great predecessor of past thinking in the mathematical and natural sciences, and therefore requires a broad and deep appreciation for the sciences.

We heartily welcome students who believe from the bottom of their hearts that it is women who will bolster the scientific technology of the twenty-first century through information sciences, students who would like to believe it, and students who realized now as they read it that that was the case. Many individuals who have studied in the Department of Information Sciences have presented their own research at well-known international conferences. This was made possible by the acquisition of deep specialized learning and tireless research.

In order to play a fully active role after enrolling, students must first pursue specialized education in the information sciences. The reason that Mathematics I, II, III, A, and B are all included as requirements for the entrance exam is that they are the minimum level required to make this possible, and that they are prerequisites for lectures and exercises as well. In addition, most new knowledge in the information sciences is published in English, so English-language proficiency is crucial as a foundation for normal learning in the information sciences. It is also necessary to take an interdisciplinary approach that applies to a broad range of fields, rather than staying closed up in a single area of specialization. The reason that we require in at least one science subject is that it is a minimum requirement for maintaining interdisciplinarity. To achieve that aim, we prefer that students take in at least three science subjects. The Department of Information Sciences welcome students who have studied enthusiastically in high school and who are full of motivation.

#### Division of Nutrition and Food Science, Faculty of Human Life and Environmental Sciences

Humans need food to live. Delicious food and a rich and diverse dietary life bring enrichment and enjoyment to life. On the other hand, meals that lack balance and irregular dietary habits are the cause of a variety of disorders and impact our health. Regardless of the era, members of society have great concern regarding food and humans, as well as health.

The aim of the education provided by the Division of Nutrition and Food Science is to develop specialists who will become leaders in society, who have a scientific perspective on food and nutrition, and who have acquired the ability to put their knowledge into action toward the achievement of a rich and varied dietary life and a healthy society. To accomplish this, we conduct a broad range of education and research, from the gene level to human nutritional science, in a variety of fields of learning, such as food chemistry, food preservation, cookery science, nutritional chemistry, clinical nutrition, applied nutrition, nutrition education, food service management, and public health nutrition. We will emphasize small-group practical training in experimentation, and all students will conduct research related to specific themes as graduation research in the laboratories of

the Division of Nutrition and Food Science and the Institute of Environmental Science for Human Life. In addition, graduates of the Division will be able to obtain a dietitian license and eligibility for national exams to become a national registered dietitian, and qualification for a food sanitation inspector. Students can also acquire a Nutrition Educator's License (Class 1).

Because education and research in the Division use the natural sciences as a foundation, applicants to the Division should have learned the basics of the natural sciences, such as chemistry, biology, and physics, etc., in high school. Specifically, it is recommended that students take Mathematics I, II, A, and B in the mathematics area, and at least two courses from among Physics Basic and Physics, Chemistry Basic and Chemistry, and Biology Basic and Biology in the science area. And students are also required to proactively cope with the practical subject such as home economics and physical education.

#### Division of Human-Environmental Science, Faculty of Human Life and Environmental Sciences

Science has leveraged its universality, objectivity, and logicity to shed light on the workings of the world. However, in order to put its findings to actual use in society, an understanding of the diverse engineering methods used to combine those mechanisms that have been minutely analyzed by science and apply them to design is crucial. However, that alone is insufficient. It is also necessary to understand the circumstances of an issue in society or daily life as a human being just like the people who are in those circumstances. Engineering methods that enable true resolution of issues can only be created through the understanding of both. The Division of Human-Environmental Science aims for implementation of science and technology that truly contributes to society and daily living.

The main fields of study in the Division include architectural design, architectural planning, physical anthropology, architectural environment engineering, ergonomics, welfare engineering, materials and environmental science, environmental assessment, water environment engineering. The Division welcomes individuals who like the natural sciences, individuals who want to obtain sufficient learning in basic science related to humans and the environment and research those areas more deeply, and individuals who want to contribute as specialists to the creation of a truly healthy, rich, and abundant life. Students in the Division can obtain the qualifications to take the Class-I architect examination by meeting certain criteria, mainly taking architectural courses. Applicants should gain a solid foundation in mathematics and science in high school. Students are required to take Mathematics I, II, III, A, and B in the mathematics area, and at least two courses from among Physics Basic and Physics, Chemistry Basic and Chemistry, and Biology Basic and Biology in the science area.

#### Division of Human Life Studies, Faculty of Human Life and Environmental Sciences

Human daily life is a complex and comprehensive activity in which life-long human development, the ideal nature of human society to enable the activities of daily life, ethnicity, history, tradition, culture, and a variety of other aspects are mutually linked. Our highly complex contemporary society needs people who are able to gain a comprehensive understanding of the complex activities of daily human life, clarify the conditions and social structures that will enable humans to live vibrantly throughout their lives, as well as the ideal nature of culture, and achieve those things.

The Division of Human Life Studies utilizes three interrelated approaches in an aim to develop individuals who will lead the way toward this type of rich and abundant daily human life. The approaches are from the perspective of (1) an understanding of the link between an understanding from the perspective of developmental psychology, clinical psychology, and child studies related to human life-long development and implementation of the concepts, and understanding that will be of use in the home, in childcare, in clinical psychology, and in other contexts (developmental clinical psychology), (2) a social scientific understanding of daily life, society, and the relationship between the two, including issues such as the family, consumers, women, senior citizens, children, systems, and policies, etc., with an eye on the multidimensional environment, from the local to the international community (social science and family studies), and (3) an understanding of the history and current state of lifestyle and culture from the perspective of aesthetics, comparative culture, and ethnology, focusing on the things that have the closest connections to humans, such as clothing, housing, crafts, design, and other elements of the formation of daily life (cultural and historical studies). We hope that students who have interest in and awareness of such issues and are motivated to conduct related research, students who would like to contribute to the creation of a society that values humanity in the midst of our

confused contemporary lifestyle, and students who are passionate about achieving an enriching life, will choose to study in the Division of Human Life Studies.

Applicants should consider the three approaches used by the Division of Human Life Studies and study a wide range of the fundamentals of the humanities in high school, including courses in geography, history, and civics.

Students select their main program at the end of the first year after enrollment, in the same manner as students who were admitted through the general entrance exam.

#### **(d) Entrance Exam for Selected Students**

##### Ochanomizu University Admission Policy

Ochanomizu University's mission is to be a place where all women who are motivated to learn can realize their earnest dreams. On that foundation, we strive to develop female leaders who have a broad range of learning and a high level of expertise and ability to take action. Accordingly, we have continuously reformed education, and on the heels of our implementation of 21st century liberal arts education integrating the humanities and sciences (AY2008), we introduced the Multiple Program Elective Course System and launched a new specialized education curriculum in AY2011. Under the Multiple Program Elective Course System, students learn in specialized education programs according to their career plans and interests. The first program in which students learn is the "main program" established by the division to which they belong (Required). The second program is the "enhancement program" in which students dedicate themselves deeply to an area of specialization, the "secondary program" in which students learn in areas outside their own area of specialization, or the integrated, interdisciplinary-type "interdisciplinary program," as selected by the student (Elective). In addition, four-year "special programs" aligned with each educational goal have been established in the Division of Human and Social Sciences and the Division of Performing Arts of the Faculty of Letters and Education, and the Division of Nutrition and Food Science of the Faculty of Human Life and Environmental Sciences. After enrollment, students are affiliated with the division, department, program, etc., that operates the main program (or special program), and take the initiative to study according to their own aims and interests.

Ochanomizu University provides a site for career development that will enable all women, regardless of age or nationality, etc., to play an active role as self-sustained women in diverse fields throughout their lives. We anxiously await the enrollment of students who embrace intellectual curiosity and the spirit of inquiry, and who are highly motivated to learn.

##### Faculty of Letters and Education

From ancient to modern times, humans in a variety of regions around the world have created languages and other aspects of culture and science and technology, and have developed the fabric of society, including politics, economy, and education. To understand humans, culture, and society, it is necessary to place contemporary society along the temporal and spatial axes, and take a multidimensional approach that includes both the macro and micro perspectives.

The Faculty of Letters and Education is a comprehensive faculty in the humanities and social sciences that addresses humans, culture, and society. The Faculty consists of four divisions--the Division of Liberal Arts and Humanities, the Division of Languages and Culture, the Division of Human and Social Sciences, and the Division of Performing Arts. The Division of Liberal Arts and Humanities, the Division of Languages and Culture, and the Division of Human and Social Sciences each have multiple programs for specialized education (main, enhancement, secondary, and interdisciplinary programs), and together have established the Global Studies for Intercultural Cooperation Program (main, interdisciplinary). In addition, the Human Developmental Sciences special program has been established in the Division of Human and Social Sciences, and the Dance and Dance Education special program and the Music Expression special program have been established in the Division of Performing Arts, each as four-year specialized education programs. The Faculty utilizes diverse programs and small-group education to provide a curriculum that enables students to learn in both a deeply specialized and a broadly comprehensive manner.

The purpose of high school education is to help students "live well" in their post-high school lives. Applicants to the Faculty of Letters and Education are expected to have taken courses and studied deeply and passionately in a broad range of subjects in high school, including not only courses in the humanities, but in mathematics and the sciences as well.



We look forward to hearing from applicants who are rich in motivation, capability, and individuality, and who aim to become leaders in diverse fields.

#### Division of Liberal Arts and Humanities, Faculty of Letters and Education

The Division of Liberal Arts and Humanities aims to provide students with an opportunity for the comprehensive learning of human knowledge that takes a broad cultural approach to all of the various phenomena of human history that will lead to wisdom in the future. The ability to acquire knowledge in both a deep and a broad manner, independently discover original questions on that foundation, diligently gather and organize the required materials and data, then develop unique theories. The purpose of the Division is to foster such comprehensive capabilities that will, without question, be required whether students continue their studies or are active in society. Applicants should have taken a variety of courses and studied a broad range of subjects in high school, as well as have independently engaged in reading and investigation of topics that they are interested in, thereby experiencing the enjoyment of intellectual inquiry. We would like to receive students who do not merely "wait for instructions," but who have flexible thinking skills that allow them to consider things from multiple angles, as well as the motivation to reach ingenious solutions.

The Division of Liberal Arts and Humanities consists of following programs: the Program of Philosophy, Ethics, and Art History, the Program of Comparative History, and the Program of Geography. At the end of their first year, students select a main program of the Division of Liberal Arts and Humanities or the Division of Global Studies for Intercultural Cooperation. The main program is selected under the same conditions as those for students who were admitted through a different selection method.

#### Screening Method

Applicants who passed the initial screening advance to the secondary screening. The secondary screening utilizes short essays and interviews (including oral examinations) in order to assess the applicant's basic knowledge and thinking (awareness of issues) regarding the area of specialization that she wants to study (philosophy, ethics, art history, history, geography), as well as her motivation and qualities, and comprehensively determine whether she has passed the screening.

**(Short-essay)** Applicants read specified texts and materials, then provide an argument in response to questions. The short answer test assesses the applicant's ability to sufficiently understand the content of specified texts/materials (reading comprehension), construct her own logical argument (reasoning skills and originality), and discuss it in writing in an appropriate and eloquent manner (expressiveness).

**(Interview)** Questions are asked to assess the applicant's ability to have her own clear ideas and plans for future study, and to communicate them to others through precise expressions.

#### Division of Languages and Culture, Faculty of Letters and Education

The Division of Languages and Culture consists of four programs: the Department of Japanese Language and Literature, the Department of Chinese Language and Culture, the Department of English Language and Culture, and the Department of French Language and Culture. While the target languages differ, in the case of Chinese and French, students learn from the beginning to advanced levels, and in the case of Japanese and English, students aim for a deeper understanding of the applicable language. In addition, students will engage in full-scale research on works created in the applicable language. We welcome applicants who are interested in the intriguing nature of "words" and would like to discover something there, applicants who want to acquire refined linguistic abilities and step out into the wide world, and applicants who like "art and literature" and want to move past mere appreciation.

#### Screening Method

For the Entrance Exam for Selected Students, we seek examinees who have a particularly strong interest and motivation to learn and conduct research in the Department of Japanese Language and Literature, the Department of Chinese Language and Culture, the Department of English Language and Culture, or the Department of French Language and Culture, and who have a clear idea of the area of specialty they want to study. Ultimately, the student's main program is determined at the end of her first year after enrollment, under the same conditions as students who were admitted through the general entrance exam.

Screening is divided into two parts: the document-based initial screening and the secondary screening

through short essays and interviews (including oral examinations). The short essay portion of the secondary screening assesses the applicant's reading comprehension and expressiveness that are suited to the individual intended field of study, her reasoning skills, and the level of interest and awareness of issues in the intended field. The interview uses questions to assess the applicant's ability to communicate her aspirations and individual characteristics to others clearly, as well as her ability to express herself.

#### Division of Human and Social Sciences, Faculty of Letters and Education

The Division of Human and Social Sciences seeks applicants who are motivated to gain a deep understanding of humans and utilize that understanding for practical application. The Division addresses three areas of research: thinking about the societal aspects of human awareness and behavior (sociology), examining psychological aspects (psychology), and considering human development from multiple perspectives (educational science).

#### Screening Method

Through the Entrance Exam for Selected Students, we seek applications from students who are highly motivated to study child and adult learning and education and conduct research on educational problems, and who in the future will select the Educational Sciences main program) or Comprehensive Human Development Science special program, and utilize a variety of educational science research methods such as educational thought, education history, educational sociology, cultural anthropology, educational methodology, curriculum theory, educational development theory, public administration and finance of education, and life-long learning theory to address educational problems, and who want to then advance to graduate school and deepen their research in educational science, or who want to find a job in education, such as becoming an elementary school teacher. Please take a variety of courses and study a broad range of subjects in high school. In particular, Japanese, English (foreign languages), and mathematics are likely to be helpful in the development of the basic abilities that are extremely important in learning and conducting research at a university. We also welcome students who have acquired the stance and ability to think deeply about humans, through their study of geography, history, civics, and science. In the Entrance Exam for Selected Students, an initial screening is conducted through a review of the applicant's application documents, and a secondary screening utilizes short essays and interviews (including oral examinations) related to educational science to make a comprehensive assessment.

#### Division of Performing Arts, Faculty of Letters and Education

The Division of Performing Arts seeks students who are passionate about investigating performance in the form of artistic and expressive activity, while at the same time conducting scholarly research in that area as well. Although small in scale, we are a university, so students are expected to take a proactive stance and utilize the characteristic traits of a university to the fullest in order to pioneer a variety of new possibilities themselves.

In order to allow students to acquire both theory and practical skills of dance and dance education and music, the Division has adopted four-year consistent special curriculum (program), instead of adopting the Multiple Program Elective Course System. Students will take the course (program) they chose in the entrance exam.

#### Screening Method

[Dance and Dance Education] The special course (program) seeks individuals who are able to proactively conduct research on human physical activity and expression, focusing on dance, but ranging from sports to daily actions, through a theoretical perspective as well as actual practice. Dance is related to every subject studied in high school, so please take a wide variety of courses. Give particular attention to physical education, Japanese, and English, and be sure to acquire a solid foundation of basic athletic ability, writing ability, and English reading ability. The purpose of the Entrance Exam for Selected Students is to find students who have the abilities required to study the University's curriculum, and who have particularly excellent abilities in either theory or practice. In the Entrance Exam for Selected Students, a short-essay test, practical examinations, and interviews (including oral examinations) are conducted for applicants who passed the paper screening.

[Department of Music] Along with being related to human sensitivity, music is a sophisticated intellectual and social activity, and is deeply rooted in human behavior. The special course (program) is especially suited to individuals who have the broad desire for both thorough study and actual practice. All of the subjects that you learn in high school are important, but you should get a particularly solid grasp not only of music, but of English and world history as well. In the Entrance Exam for Selected Students, a short-essay test, practical examinations, and interviews (including oral examinations) are conducted for applicants who passed the paper screening.

#### Department of Mathematics, Faculty of Science

Mathematics is a field of study that investigates the forever unchanging numbers and diagrams that are in the background of all phenomena. We believe that a study of mathematics will enable you to encounter soul-stirring beauty and things that will be helpful in daily life, as well as give you a method of strict reasoning that will allow you to gain insight into the world.

From this point of view, the Department of Mathematics is looking for individuals who have the following goals.

- Individuals who want to make mathematics their profession, such as becoming a teacher or a researcher
- Individuals who want to use their mathematical education in a job that supports society
- Individuals who are highly motivated to study mathematics

The following is required from entrance examinees.

- A sufficient understanding of mathematics in high school and the mathematical knowledge required for lectures at a university
- The ability to extract mathematical meaning from written text
- The ability to communicate to others your own ideas by expressing them in mathematical and logical sentences

#### Screening Method

In the Entrance Exam for Selected Students, interviews (including oral examinations) are conducted in addition to the paper screening. In the interview, we provide a number of mathematical problems in advance, and allow time for interviewees to organize their thoughts. Then, we ask a variety of questions, such as how the applicant thought through the problems. We assess the applicant's ability to reason and explain basic things accurately. The submitted documents (high school transcripts, statement of the reason for applying, letters of recommendation, etc.) and the results of interviews are considered together to determine whether the applicant has passed.

#### Department of Physics, Faculty of Science

We seek students who are able to think for themselves to identify and solve problems. (Students are able to receive appropriate advice and guidance from teaching staff members as needed, of course.) In addition, students should be rich in humanity and have a character with superior ability to work with others, as well as patience. We hope that, after graduation, our students will become women who can utilize from a variety of aspects the "ability to discover and apply the laws of things" that they have cultivated through the study of physics, and who can fulfill leadership roles in society. However, we believe that, ultimately, the most important thing is to "live a full and vibrant life through the study of physics."

#### Screening Method

In the Entrance Exam for Selected Students, we place significant weight on whether the dossier and letter of recommendation created by the applicant's high school principal, as well as the content of the applicant's statement of her reason for applying fit the admission policy of the Department of Physics. The reason that we also allow the attachment of supplementary materials (copies of independent research reports, laboratory notebooks, and written compilations of ideas regarding topics the student has continued to be interested in, etc.) is also that we would like to discover students who can think for themselves and find problems, then think for themselves and solve those problems.

Two types of interview (including oral examinations) are conducted for applicants who passed the initial screening. They are an oral examination that utilizes questions regarding computational problems that the applicant has answered in a separate room, to assess her calculation skills and comprehension (20 minutes), and an oral examination in which the student is asked to intuitively explain a variety of physical phenomena, to assess her ability to be freely creative and intuitive abilities (20 minutes). The student's application documents and two types of interview are considered together to determine whether she has passed.

#### Department of Biology, Faculty of Science

Biology is the study of the complex and diverse life phenomena of varied and diverse natural life, from microorganisms to humans. This requires the ability to think in a flexible manner from a variety of perspectives, as well as a broad range of basic knowledge to support that ability. Accordingly, students should have taken courses in a wide range of subjects, including both the humanities and the sciences, during high school, and have fostered logical thinking skills and intellectual curiosity. In addition, we seek students who have motivation and power to observe the complex and diverse life phenomena of natural life, interact patiently with natural life, think and identify problems on their own, and solve those problems through trial and error. Students are expected to deepen their interest in and understanding of natural life, and develop into individuals who can build up more plentiful intellectual assets in human society.

#### Screening Method

For the Entrance Exam for Selected Students, we seek applicants who have diverse talents to study biology, including a variety of areas. Short essays and interviews (including oral examinations) are conducted for applicants who passed the initial screening. Short essays are used to assess the applicant's basic knowledge of biology and other sciences, scientific text reading comprehension, and ability to express herself logically. The interview includes a question and answer session with members of the faculty to assess the applicant's knowledge and thinking regarding biology, her attitude toward society, her clear vision of the future, her thinking ability, her individuality, and her talents, etc., as well as her ability to accurately communicate such things to the interviewers. The student's application documents and results of her secondary screening are considered together to determine whether she has passed.

#### Department of Information Sciences, Faculty of Science

Information science is a new field of study in which the concept called "information," the existence and value of which have been confirmed by the advent of computers, is recognized as one of the main building blocks of our world, along with energy and matter, and in which the principles of the generation, management, and use of information is the target of research. Today, its application is not limited to the natural sciences and engineering, but extends into the social sciences and the humanities as well. We are looking for students who want to understand the depth of the field and learn the findings of past research, and who have the desire to contribute proactively to its development in the future. Information science is a field that is attempting to develop unique methodologies on the foundation of the great predecessor of past thinking in the mathematical and natural sciences, and therefore requires a broad and deep appreciation for the sciences. We heartily welcome students who believe from the bottom of their hearts that it is women who will bolster the scientific technology of the twenty-first century through information sciences, students who would like to believe it, and students who realized now as they read it that that was the case.

#### Screening Method

In the Entrance Exam for Selected Students, we place significant weight on whether the dossier and letter of recommendation created by the applicant's high school principal, as well as the content of the applicant's statement of her reason for applying fit the admission policy of the Department of Information Sciences. In addition, two types of interview (including oral examinations) are conducted for applicants who passed the initial screening. An oral examination is conducted, utilizing a question and answer session related to mathematical problems in particular, to assess the applicant's reasoning ability, communication skills, and problem analysis and solving skills. The student's application documents and this oral examination are assessed together to determine whether she has passed. Lectures that students attend after admission to the Department of Information Sciences are taught on the assumption that the students have acquired Mathematics III level knowledge and foreign language ability (English in particular) in high school. However, it will not be

assumed that students are able to use a computer at the time of enrollment.

#### Division of Nutrition and Food Science, Faculty of Human Life and Environmental Sciences

The aim of the education provided by the Division of Nutrition and Food Science is to develop specialists who will become leaders in society, who have a scientific perspective on food, nutrition, and health, and who have acquired the ability to put their knowledge into action toward the achievement of an abundant dietary life and a healthy society. To accomplish this, we conduct a broad range of education and research, from the molecular, genetic, and cellular levels to human nutritional science, in a variety of fields of learning related to food and nutrition. The requirement to undertake practical assignments including many long-term experiments and hands-on exercises is a particular feature of the Division. Students conduct experiments and take practical courses from their first and second years, and in the third year each afternoon is devoted to such hands-on learning. Graduates of the Division who have taken the designated courses are able to obtain a dietitian license and eligibility for national exams to become a national registered dietitian, and qualification for a food sanitation inspector. Students can also acquire a Nutrition Educator's License (Class 1).

Since the Division's educational and research activities are based on experimental science that emphasizes connections with life and society, students entering the Division are expected to be capable of patiently working through experiments and practical exercises, thinking and acting on their own initiative, and communicating effectively with others as they progress. They are required to have obtained a solid grounding in science and mathematics at high school and to place importance on learning based in real life. Specifically, it is strongly recommended that students take at least two courses from among Physics I and II, Chemistry I and II, and Biology I and II in the science area, and Mathematics I, II, A, and B in the mathematics area. They are also required to have actively engaged in practical subjects such as home economics and physical education.

#### Division of Human Life Studies, Faculty of Human Life and Environmental Sciences

Human daily life is a complex and comprehensive activity in which life-long human development, the ideal nature of human society to enable the activities of daily life, ethnicity, history, tradition, culture, and a variety of other aspects are mutually linked. Our highly complex contemporary society needs people who are able to gain a comprehensive understanding of the complex activities of daily human life, clarify the conditions and social structures that will enable humans to live vibrantly throughout their lives, as well as the ideal nature of culture, and achieve those things.

The Division of Human Life Studies utilizes three interrelated approaches in an aim to develop individuals who will lead the way toward this type of rich and abundant daily human life. The approaches are from the perspective of (1) an understanding of the link between an understanding from the perspective of developmental psychology, clinical psychology, and child studies related to human life-long development and implementation of the concepts, and understanding that will be of use in the home, in childcare, in clinical psychology, and in other contexts (developmental clinical psychology), (2) a social scientific understanding of daily life, society, and the relationship between the two, including issues such as the family, consumers, women, senior citizens, children, systems, and policies, etc., with an eye on the multidimensional environment, from the local to the international community (social science and family studies), and (3) an understanding of the history and current state of lifestyle and culture from the perspective of aesthetics, comparative culture, and ethnology, focusing on the things that have the closest connections to humans, such as clothing, housing, crafts, design, and other elements of the formation of daily life (cultural and historical studies). We hope that students who have interest in and awareness of such issues and are motivated to conduct related research, students who would like to contribute to the creation of a society that values humanity in the midst of our confused contemporary lifestyle, and students who are passionate about achieving an enriching life, will choose to study in the Division of Human Life Studies. Applicants should consider the three approaches used by the Division of Human Life Studies and study a wide range of the fundamentals of the humanities in high school, including courses in geography, history, and civics.

Students select their main program at the end of the first year after enrollment, in the same manner as students who were admitted through the general entrance exam.

Screening in the Entrance Exam for Selected Students is conducted in two stages, the initial paper screening, and a secondary screening for individuals who passed the initial screening. In the initial screening, the

applicant's dossier, statement of her reason for applying, and letters of recommendation are used to assess her basic academic abilities and suitability for the relevant area of specialty. In the secondary screening, interviews (including oral examinations) are used to make a comprehensive assessment of the applicant's logical thinking skills, ability to express herself, and awareness of issues in the desired area.

**(e) Special Entrance Exam for Foreign Students and Returnee Students**

**Division of Liberal Arts and Humanities, Faculty of Letters and Education**

The Division of Liberal Arts and Humanities aims to provide students an opportunity for the comprehensive learning of human knowledge that takes a broad cultural approach to all of the various phenomena of human history that will lead to wisdom in the future. The ability to acquire knowledge in both a deep and a broad manner, independently discover original questions on that foundation, diligently gather and organize the required materials and data, then develop unique theories. The purpose of the Division is to foster such comprehensive capabilities that will, without question, be required whether students continue their studies or are active in society.

Applicants should have taken a variety of courses and studied a broad range of subjects before enrolling, as well as have independently engaged in reading and investigation of topics that they are interested in, thereby experiencing the enjoyment of intellectual inquiry. We would like to receive students who do not merely "wait for instructions," but who have flexible thinking skills that allow them to consider things from multiple angles, as well as the motivation to reach ingenious solutions.

The Division of Liberal Arts and Humanities consists of three programs: the Program of Philosophy, Ethics, and Art History, the Program of Comparative History, and the Program of Geography. After enrollment, students identify what they would like to study, then at the end of their first year, select a main program offered by the individual programs of the Division of Liberal Arts and Humanities and the Global Studies Program. The main program is selected under the same conditions as those for students who were admitted through a different selection method.

**Screening Method**

In the case of the Special Entrance Exam for Foreign Students and Returnee Students, applicants who passed the initial screening advance to the secondary screening. In addition to the criteria and judgment from the Entrance Exam for Selected Students, the secondary screening assesses what the applicant has learned from life as a student overseas and how she intends to utilize that learning after admission to the University.

**Division of Languages and Culture, Faculty of Letters and Education**

The Division of Languages and Culture consists of following main and enhancement programs: the Program of Japanese Language and Literature, the Program of Chinese Language and Culture, the Program of English Language and Culture, and the Program of French Language and Culture. While the target languages differ, in the case of Chinese and French, students learn from the beginning to advanced levels, and in the case of Japanese and English, students aim for a deeper understanding of the applicable language. In addition, students will engage in full-scale research on works created in the applicable language. We welcome applicants who are interested in the intriguing nature of "words" and would like to discover something there, applicants who want to acquire refined linguistic abilities and step out into the wide world, and applicants who like "art and literature" and want to move past mere appreciation.

**Screening Method**

For the Special Entrance Exam for Foreign Students and Returnee Students, we seek examinees who have a particularly strong interest and motivation to learn and conduct research in the Program of Chinese Language and Culture, the Program of English Language and Culture, or the Program of French Language and Culture, and who have a clear idea of the area of specialty they want to study. In addition, we hope to see applicants who have learned many things from student life in a foreign country, and who are able to utilize those experiences to engage in research activities at the University. Ultimately, the student's main program is determined at the end of her first year after enrollment, under the same conditions as students who were admitted through the general entrance exam.

Screening is divided into two parts: the document-based initial screening and the secondary screening through short essays and oral examinations. The short essay portion of the secondary screening assesses the applicant's reading comprehension and expressiveness that are suited to the individual intended field of study, her reasoning skills, and the level of interest and awareness of issues in the intended field. The oral examination uses questions to assess the applicant's ability to communicate her aspirations and individual characteristics to others clearly, as well as her ability to express herself.

#### Division of Human and Social Sciences, Faculty of Letters and Education

The Division of Human and Social Sciences seeks applicants who are motivated to gain a deep understanding of humans and utilize that understanding for practical application. The Division addresses three areas of research: thinking about the societal aspects of human awareness and behavior (sociology), examining psychological aspects (psychology), and considering human development from multiple perspectives (educational science).

#### Screening Method

In the case of the Special Entrance Exam for Foreign Students and Returnee Students, short-essay tests and oral examinations on educational science are conducted for applicants who passed the initial screening. The related policies are the same as for the Entrance Exam for Selected Students. We seek applications from students who have the desire to select the Educational Sciences Main Program or Comprehensive Human Development Science Special Program and approach educational problems with a variety of research methods. In the case of the Special Entrance Exam for Foreign Students and Returnee Students, oral examinations are used to assess what the applicant has learned from school life in a foreign country and how she intends to utilize that learning after admission to the University. The content of the short essays and oral examinations on educational science are considered together to determine whether the student has passed.

#### Division of Performing Arts, Faculty of Letters and Education

The Division of Performing Arts seeks students who are passionate about investigating performance in the form of artistic and expressive activity, while at the same time conducting scholarly research in that area as well. Although small in scale, we are a university, so students are expected to take a proactive stance and utilize the characteristic traits of a university to the fullest in order to pioneer a variety of new possibilities themselves.

In order to allow students to acquire both theory and practical skills of dance and dance education and music, the Division has adopted four-year consistent special curriculum (program), instead of adopting the Multiple Program Elective Course System. Students will take the course (program) they chose in the entrance exam.

#### Screening Method

[Dance and Dance Education] The Special Program seeks energetic individuals who are able to proactively conduct research on human physical activity and expression, focusing on dance, but ranging from sports to daily actions, utilizing a balanced approach through a theoretical perspective as well as actual practice. The Special Entrance Exam for Foreign Students and Returnee Students further asks what you have learned from your overseas school life, and how you intend to utilize it after enrollment at the University. In the case of the Special Entrance Exam for Foreign Students and Returnee Students, short-essay tests, practical examinations, and oral examinations are conducted for applicants who passed the initial screening. In addition to these criteria, the interview includes a question and answer session regarding the applicant's experiences and learning from school life in a foreign country, as well as her own connection to dance, etc. The student's application documents and results of her secondary screening are considered together to determine whether she has passed.

[Department of Music] Along with being related to human sensitivity, music is a sophisticated intellectual and social activity, and is deeply rooted in human behavior. The Special Program is especially suited to individuals who have the broad desire for both thorough study and actual practice. In the case of the Special Entrance Exam for Foreign Students and Returnee Students, short-essay tests, practical examinations, and oral examinations are conducted for applicants who passed the initial screening. In addition to these criteria, the interview includes a question and answer session regarding the applicant's experiences and learning from

school life in a foreign country, as well as her own connection to music, etc. The student's application documents and results of her secondary screening are considered together to determine whether she has passed.

#### Department of Mathematics, Faculty of Science

Mathematics is a field of study that investigates the forever unchanging numbers and diagrams that are in the background of all phenomena. We believe that a study of mathematics will enable you to encounter soul-stirring beauty and things that will be helpful in daily life, as well as give you a method of strict reasoning that will allow you to gain insight into the world.

From this point of view, the Department of Mathematics is looking for individuals who have the following goals.

- Individuals who want to make mathematics their profession, such as becoming a teacher or a researcher
- Individuals who want to use their mathematical education in a job that supports society
- Individuals who are highly motivated to study mathematics

The following is required from entrance examinees.

- A sufficient understanding of mathematics in high school and the mathematical knowledge required for lectures at a university
- The ability to extract mathematical meaning from written text
- The ability to communicate to others your own ideas by expressing them in mathematical and logical sentences

#### Screening Method

In the case of the Special Entrance Exam for Foreign Students and Returnee Students, oral examinations are conducted for applicants who passed the initial screening. Policies related to mathematics in the oral examination are the same as those for the Entrance Exam for Selected Students. In the case of the Special Entrance Exam for Foreign Students and Returnee Students, the applicant is asked what she has learned from school life in a foreign country and how she intends to utilize that learning after admission to the University. The student's application documents and oral interviews are considered together to determine whether she has passed.

#### Department of Physics, Faculty of Science

We seek students who are able to think for themselves to identify and solve problems. (Students are able to receive appropriate advice and guidance from teaching staff members as needed, of course.) In addition, students should be rich in humanity and have a character with superior ability to work with others, as well as patience. We hope that, after graduation, our students will become women who can utilize from a variety of aspects the "ability to discover and apply the laws of things" that they have cultivated through the study of physics, and who can fulfill leadership roles in society. However, we believe that, ultimately, the most important thing is to "live a full and vibrant life through the study of physics."

#### Screening Method

In the case of the Special Entrance Exam for Foreign Students and Returnee Students, two types of oral examination are conducted for applicants who passed the initial screening. The related policies are the same as for the Entrance Exam for Selected Students. In the case of the Special Entrance Exam for Foreign Students and Returnee Students, the applicant is asked what she has learned from school life in a foreign country and how she intends to utilize that learning after admission to the University. The student's application documents and two types of oral examination (20 minutes each) are considered together to determine whether she has passed.



### Department of Chemistry, Faculty of Science

Chemistry develops in close cooperation with all fields of the natural sciences, with atoms and molecules as the intermediaries. The field stretches from areas in which an understanding of physics and mathematics is crucial, to areas in which a knowledge of biology and geoscience is necessary. Accordingly, applicants to the Department of Chemistry should have taken a broad range of high school courses in addition to chemistry, in particular physics and biology, that will serve as a foundation for these areas, and are expected to have strong logical thinking skills and a solid foundation of knowledge in the natural sciences. In addition, because students will also be required to have the linguistic ability to read texts written in English, they need to learn English sufficiently in high school. After students enroll, student experiments are emphasized to foster the ability to conduct experiments, as the foundation for specialized learning and research. Accordingly, the standard of evaluation in the entrance exam is the applicant's overall ability to understand. In regard to the general entrance exam, the special entrance exam utilizes oral examinations to assess not only the applicant's overall ability to understand chemistry and other natural sciences, but also her logical thinking skills, writing skills, and creativity.

#### Screening Method

In the case of the Special Entrance Exam for Foreign Students and Returnee Students, oral examinations are conducted for applicants who passed the paper screening. In addition to the criteria and judgment from the Entrance Exam for Selected Students, the applicant is asked what she has learned from life as a student overseas and how she intends to utilize that learning after admission to the University. The content of recent oral examinations is available on the Admissions Office website (past entrance exam questions; <http://www.ao.ocha.ac.jp/>). The student's application documents and oral interviews are considered together to determine whether she has passed.

### Department of Biology, Faculty of Science

Biology is the study of the complex and diverse life phenomena of varied and diverse natural life, from microorganisms to humans. This requires the ability to think in a flexible manner from a variety of perspectives, as well as a broad range of basic knowledge to support that ability. Accordingly, students should have taken courses in a wide range of subjects, including both the humanities and the sciences, during high school, and have fostered logical thinking skills and intellectual curiosity. In addition, we seek students who have motivation and power to observe the complex and diverse life phenomena of natural life, interact patiently with natural life, think and identify problems on their own, and solve those problems through trial and error. Students are expected to deepen their interest in and understanding of natural life, and develop into individuals who can build up more plentiful intellectual assets in human society.

#### Screening Method

In addition to the criteria and judgment from the Entrance Exam for Selected Students, the Special Entrance Exam for Foreign Students and Returnee Students emphasizes what the applicant has learned from life as a student overseas and how she intends to utilize that learning after admission to the University. The student's application documents and results of her secondary screening are considered together to determine whether she has passed.

### Department of Information Sciences, Faculty of Science

Information science is a new field of study in which the concept called "information," the existence and value of which have been confirmed by the advent of computers, is recognized as one of the main building blocks of our world, along with energy and matter, and in which the principles of the generation, management, and use of information is the target of research. Today, its application is not limited to the natural sciences and engineering, but extends into the social sciences and the humanities as well. We are looking for students who want to understand the depth of the field and learn the findings of past research, and who have the desire to contribute proactively to its development in the future. Information science is a field that is attempting to develop unique methodologies on the foundation of the great predecessor of past thinking in the mathematical and natural sciences, and therefore requires a broad and deep appreciation for the sciences. We heartily

welcome students who believe from the bottom of their hearts that it is women who will bolster the scientific technology of the twenty-first century through information sciences, students who would like to believe it, and students who realized now as they read it that that was the case.

#### Screening Method

In the case of the Special Entrance Exam for Foreign Students and Returnee Students, written and oral examinations are conducted for applicants who passed the initial screening. The written examination consists of a mathematics test to assess the applicant's basic abilities in mathematics and science, and a short essay test to assess the applicant's expressive abilities and ability to discuss her own ideas. The oral examination assesses the applicant's academic abilities to determine whether she has the mathematical skills needed to participate in required lectures after enrollment. Further, in the case of the Special Entrance Exam for Foreign Students and Returnee Students, the applicant is asked what she has learned from school life in a foreign country and how she intends to utilize that learning after admission to the Department. The combined total of the applicant's scores on the written examination and the content of the oral examination are considered together to determine whether the applicant has passed, with the examinee's application documents also used for reference. Lectures that students attend after admission to the Department of Information Sciences are taught on the assumption that the students have acquired high school level foreign language proficiency (English in particular). However, it will not be assumed that students are able to use a computer at the time of enrollment.

#### Division of Human Life Studies, Faculty of Human Life and Environmental Sciences

Human daily life is a complex and comprehensive activity in which life-long human development, the ideal nature of human society to enable the activities of daily life, ethnicity, history, tradition, culture, and a variety of other aspects are mutually linked. Our highly complex contemporary society needs people who are able to gain a comprehensive understanding of the complex activities of daily human life, clarify the conditions and social structures that will enable humans to live vibrantly throughout their lives, as well as the ideal nature of culture, and achieve those things.

The Division of Human Life Studies utilizes three interrelated approaches in an aim to develop individuals who will lead the way toward this type of rich and abundant daily human life. The approaches are from the perspective of (1) an understanding of the link between an understanding from the perspective of developmental psychology, clinical psychology, and child studies related to human life-long development and implementation of the concepts, and understanding that will be of use in the home, in childcare, in clinical psychology, and in other contexts (developmental clinical psychology), (2) a social scientific understanding of daily life, society, and the relationship between the two, including issues such as the family, consumers, women, senior citizens, children, systems, and policies, etc., with an eye on the multidimensional environment, from the local to the international community (social science and family studies), and (3) an understanding of the history and current state of lifestyle and culture from the perspective of aesthetics, comparative culture, and ethnology, focusing on the things that have the closest connections to humans, such as clothing, housing, crafts, design, and other elements of the formation of daily life (cultural and historical studies). We hope that students who have interest in and awareness of such issues and are motivated to conduct related research, students who would like to contribute to the creation of a society that values humanity in the midst of our confused contemporary lifestyle, and students who are passionate about achieving an enriching life, will choose to study in the Division of Human Life Studies.

Students select their main program at the end of the first year after enrollment, in the same manner as students who were admitted through the general entrance exam.

#### Screening Method

In addition to the criteria and judgment from the Entrance Exam for Selected Students, the Special Entrance Exam for Foreign Students and Returnee Students assesses what the applicant has learned from life as a student overseas and how she intends to utilize that learning after admission to the University. The student's application documents and results of her secondary screening are considered together to determine whether she has passed.

**(f) Special Entrance Exam for Self-paying Foreign Students**

**Division of Liberal Arts and Humanities, Faculty of Letters and Education**

The Division of Liberal Arts and Humanities aims to provide students an opportunity for the comprehensive learning of human knowledge that takes a broad cultural approach to all of the various phenomena of human history that will lead to wisdom in the future. The ability to acquire knowledge in both a deep and a broad manner, independently discover original questions on that foundation, diligently gather and organize the required materials and data, then develop unique theories. The purpose of the Division is to foster such comprehensive capabilities that will, without question, be required whether students continue their studies or are active in society.

Applicants should have taken a variety of courses and studied a broad range of subjects before enrolling, as well as have independently engaged in reading and investigation of topics that they are interested in, thereby experiencing the enjoyment of intellectual inquiry. We would like to receive individuals who do not merely "wait for instructions," but who have flexible thinking skills that allow them to consider things from multiple angles, as well as the motivation to reach ingenious solutions. In particular, we hope to receive international students who have learned from living and studying in different cultures, and who will provide feedback to other Japanese fellow students.

The Division of Liberal Arts and Humanities consists of following programs: the Program of Philosophy, Ethics, and Art History, the Program of Comparative History, and the Program of Geography. After enrollment, students identify what they would like to study, then at the end of their first year, select a main program offered by the individual programs of the Division of Liberal Arts and Humanities and the Global Studies Program. Students study according to the same curriculum as general students after enrollment, so they will need to have a level of Japanese proficiency and basic academic skills to keep up in their courses.

In the actual entrance exam, the applicant's scores on the Examination for Japanese University Admission for International Students and the University's academic achievement test (foreign language), the applicant's academic transcript from the last-graduated school, and the results of oral examinations, etc., are considered together to determine whether the applicant has passed. The Examination for Japanese University Admission for International Students and the University's entrance exam assess the applicant's Japanese proficiency and other aspects of her overall basic academic abilities to see if they are at a high school graduate level. In the oral examination, the applicant is asked a variety of questions regarding things such as what she has learned in the past, her plans and motivation for study after enrolling, and what she wants to learn in the Division of Liberal Arts and Humanities, in order to assess her ability to respond appropriately to those questions.

**Division of Languages and Culture, Faculty of Letters and Education**

From the time you were born, you have been acquiring the ability to use your native language through your daily lives in the home and in society. It is also likely that you have taken classes in a foreign language in addition to your native language. At the same time, you have probably encountered a variety of moving literature works as well. There are likely very few people who have never felt the beauty and mystery of words and literature in such experiences. Your sense of being moved by the beauty of words and literature, and your curiosity about their mystery might still be vague. Studying and conducting research in the Division of Languages and Culture will help you put them into precise words and show you ways to unlock their secrets. Once your eyes have been opened to those methods, you are sure to find that words and literature are even more interesting and full of surprises than you had thought. You will not only learn about languages, but also about the regional cultures and philosophies that support them. To each of you who have come from different cultures, interaction between the different cultures is probably an interesting topic as well. We hope that you will learn about these things as well in the Division. The Division of Languages and Literature seeks students who have a love of words and interest in the aforementioned study and research, and who have the level of basic academic ability needed to go through the required training, as well as a lively intellectual curiosity.

The Division of Languages and Culture consists of following main and enhancement programs: the Program of Japanese Language and Literature, the Program of Chinese Language and Culture, the Program of English Language and Culture, and the Program of French Language and Culture. Students select their main program at the end of the first year after enrollment.

To assess the applicant's language proficiency and overall basic academic ability, the screening considers her score on the Examination for Japanese University Admission for International Students, and includes a foreign language test and an oral examination through an interview. In the oral examination, questions are asked to

assess the applicant's ability to accurately communicate to others her plans for study at the University, etc., and other aspects of her ability to communicate and express herself. Those aspects are combined with consideration of her grades from her last-graduated school to comprehensively determine whether she has passed.

#### Division of Human and Social Sciences, Faculty of Letters and Education

The Division utilizes a variety of approaches, such as considering the societal and psychological aspects of human awareness and behavior, and thinking comprehensively about human development from the perspective of educational science. The common thread running through these areas is inexhaustible interest in "humans," including the student herself. We look forward to welcoming students who have a desire to clarify the variety of problems related to humans in a scholarly manner, then utilize the knowledge they obtain in real situations.

Please take a variety of courses and study a broad range of subjects in preparation for taking the entrance examination for the Division. In particular, Japanese, English (foreign languages), and mathematics are needed for the development of the basic abilities that are extremely important in learning and conducting research at a university. We also welcome students who have acquired the stance and ability to think deeply about humans, through their study of the social sciences (geography, history, civics, etc.) and the natural sciences (science). Applicants must have taken the Examination for Japanese University Admission for International Students.

The Division of Human and Social Sciences has established programs in sociology, psychology, and educational science. After enrolling, students carefully consider the characteristics of each program and their own interests, and at the end of their first year, select one as the main program or select Global Studies for Intercultural Cooperation as the main program. On top of that, students can select the Human Developmental Sciences special program at the time of enrollment and study in it for all four years, with the aim of earning nursery school or elementary school teacher's license and implement their learning in an educational setting.

The Examination for Japanese University Admission for International Students is used to assess whether applicants have acquired Japanese language skills and a broad range of basic knowledge and learning. In addition, the entrance exam utilizes foreign language academic achievement tests and oral examinations to find applicants who have acquired the basic capabilities and Japanese language skills that are vital to conducting research at a university.

#### Division of Performing Arts, Faculty of Letters and Education

The Division of Performing Arts seeks students who are passionate about investigating performance in the form of artistic and expressive activity, while at the same time conducting scholarly research in that area as well. Although small in scale, we are a university, so students are expected to take a proactive stance and utilize the characteristic traits of a university to the fullest in order to pioneer a variety of new possibilities themselves.

In order to allow students to acquire both theory and practical skills of dance and dance education and music, the Division has adopted four-year consistent special curriculum (program), instead of adopting the Multiple Program Elective Course System. Students will take the course (program) they chose in the entrance exam.

In the actual entrance exam, the applicant's scores on the Examination for Japanese University Admission for International Students and the University's academic achievement test (foreign language), the applicant's academic transcript from the last-graduated school, and the results of practical examinations, etc., are considered together to determine whether the applicant has passed.

[Dance and Dance Education] The Special Program seeks energetic individuals who are able to proactively conduct research on human physical activity and expression, focusing on dance, but ranging from sports to daily actions, utilizing a balanced approach through a theoretical perspective as well as actual practice.

[Department of Music] Along with being related to human sensitivity, music is a sophisticated intellectual and social activity, and is deeply rooted in human behavior. The Special Program of Music is especially suited to individuals who have the broad desire for both thorough study and actual practice.

#### Division of Global Studies for Intercultural Cooperation, Faculty of Letters and Education

The purpose of the Division is to develop a new citizenry for the global era that is able to understand the differences between cultures, and overcome those differences to work together in a variety of contexts, such as

international cooperation, business, school education, and local communities.

Its characteristic feature is that students from any of the three divisions in the Faculty of Letters and Education (Division of Liberal Arts and Humanities, Division of Languages and Culture, Division of Human and Social Sciences) can select it as their main program. In addition, by participating in one of the secondary programs in the Division with which the student is affiliated, she will be able to engage in interdisciplinary learning. These characteristics are what have given the division its name.

Individuals who would like to study in the Division of Global Studies for Intercultural Cooperation should select a division to apply to in accordance with their personal interests and areas of strength. Please visit the website of Division of Global Studies for Intercultural Cooperation, Faculty of Letters and Education for curriculums and other detailed information.

#### Department of Mathematics, Faculty of Science

Mathematics is a field of study that investigates the forever unchanging numbers and diagrams that are in the background of all phenomena. We believe that a study of mathematics will enable you to encounter soul-stirring beauty and things that will be helpful in daily life, as well as give you a method of strict reasoning that will allow you to gain insight into the world.

From this point of view, the Department of Mathematics is looking for individuals who have the following goals.

- Individuals who want to make mathematics their profession, such as becoming a teacher or a researcher
- Individuals who want to use their mathematical education in a job that supports society
- Individuals who are highly motivated to study mathematics

The following is required from entrance examinees.

- A sufficient understanding of mathematics in high school and the mathematical knowledge required for lectures at a university
- The ability to extract mathematical meaning from written text
- The ability to communicate to others your own ideas by expressing them in mathematical and logical sentences

#### Department of Physics, Faculty of Science

We seek students who are able to think for themselves to identify and solve problems. (Students are able to receive appropriate advice and guidance from teaching staff members as needed, of course.) In addition, students should be rich in humanity and have a character with superior ability to work with others, as well as patience. We hope that, after graduation, our students will become women who can utilize from a variety of aspects the "ability to discover and apply the laws of things" that they have cultivated through the study of physics, and who can fulfill leadership roles in society. However, we believe that, ultimately, the most important thing is to "live a full and vibrant life through the study of physics."

#### Department of Chemistry, Faculty of Science

Chemistry is closely related with all fields of the natural sciences, with atoms and molecules as the intermediaries. The field stretches from areas in which an understanding of physics and mathematics is crucial, to areas in which a knowledge of biology and geoscience is necessary. Accordingly, applicants to the Department of Chemistry should have taken a broad range of high school courses in addition to chemistry, in particular physics and biology, that will serve as a foundation for these areas, and are expected to have strong theoretical thinking skills and a solid foundation of knowledge in the natural sciences. In addition, because students will also be required to have the linguistic ability to read texts written in English, they need to learn English sufficiently in high school. After students enroll, student experiments are emphasized to foster the ability to conduct experiments, as the foundation for specialized learning and research. Accordingly, the standard of evaluation in the entrance exam is the applicant's overall ability to understand.

#### Department of Biology, Faculty of Science

Biology is the study of the complex and diverse life phenomena of varied and diverse natural life, from microorganisms to humans. This requires the ability to think in a flexible manner from a variety of perspectives, as well as a broad range of basic knowledge to support that ability. Accordingly, students should have taken courses in a wide range of subjects, including both the humanities and the sciences, during high school, and have fostered logical thinking skills and intellectual curiosity. In addition, we seek students who have motivation and power to observe the complex and diverse life phenomena of natural life, interact patiently with natural life, think and identify problems on their own, and solve those problems through trial and error.

Students are expected to deepen their interest in and understanding of natural life, and develop into individuals who can build up more plentiful intellectual assets in human society.

#### Department of Information Sciences, Faculty of Science

Information science is a new field of study in which the concept called "information," the existence and value of which have been confirmed by the advent of computers, is recognized as one of the main building blocks of our world, along with energy and matter, and in which the principles of the generation, management, and use of information is the target of research. Today, its application is not limited to the natural sciences and engineering, but extends into the social sciences and the humanities as well. We are looking for students who want to understand the depth of the field and learn the findings of past research, and who have the desire to contribute proactively to its development in the future. Information science is a field that is attempting to develop unique methodologies on the foundation of the great predecessor of past thinking in the mathematical and natural sciences, and therefore requires a broad and deep appreciation for the sciences. We heartily welcome students who believe from the bottom of their hearts that it is women who will bolster the scientific technology of the twenty-first century through information sciences, students who would like to believe it, and students who realized now as they read it that that was the case.

#### Division of Nutrition and Food Science, Faculty of Human Life and Environmental Sciences

The aim of the education provided by the Division of Nutrition and Food Science is to develop specialists who will become leaders in society, who have a scientific perspective on food, nutrition, and health, and who have acquired the ability to put their knowledge into action toward the achievement of an abundant dietary life and a healthy society. To accomplish this, we conduct a broad range of education and research, from the molecular, genetic, and cellular levels to human nutritional science, in a variety of fields of learning related to food and nutrition. The requirement to undertake practical assignments including many long-term experiments and hands-on exercises is a particular feature of the Division. Students conduct experiments and take practical courses from their first and second years, and in the third year each afternoon is devoted to such hands-on learning. Graduates of the Division who have taken the designated courses are able to obtain a dietitian license and eligibility for national exams to become a national registered dietitian, and qualification for a food sanitation inspector. Students can also acquire a Nutrition Educator's License (Class 1).

Since the Division's educational and research activities are based on experimental science that emphasizes connections with life and society, students entering the Division are expected to be capable of patiently working through experiments and practical exercises, thinking and acting on their own initiative, and communicating effectively with others as they progress. They are expected to have obtained a solid grounding in science and mathematics at high school and to place importance on learning based in real life. Selection will be determined by overall consideration of written and oral exam results and Japanese language skills.

#### Division of Human-Environmental Science, Faculty of Human Life and Environmental Sciences

Humans have continuously changed their environment in the pursuit of convenience, comfort, and safety. Food has become more abundant, daily life has become more convenient, disease has decreased, and life-spans have lengthened. However, on the other hand, humans have been unable to adapt to the extremely significant

and rapid changes in the environment, and various problems have arisen that affect the survival of humankind as well. Because of this, the Division of Human-Environmental Science conducts research and education to enable people to evaluate, design, and propose mutual impact between humans and the environment in a concrete manner and to create a better living environment, and from the perspective of "the environment for humans, and humans for the environment." In addition, students can obtain eligibility for exams to become a first-class registered architect by meeting certain standards in architecture-related courses.

The main fields of study in the Division include architectural design, architectural planning, architectural environmental engineering, physical anthropology, human physiology, ergonomics, welfare engineering, materials and environmental science, environmental assessment, environment engineering, and architecture (planning and design). The Division welcomes individuals who like the natural sciences, individuals who want to obtain sufficient learning in basic science related to humans and the environment and research those areas more deeply, and individuals who want to contribute as specialists to the creation of a truly healthy, rich, and abundant life. Applicants should gain a solid foundation in mathematics and science in high school. The University's tests (mathematics, science, foreign languages) assess the applicant's abilities in the natural sciences and a wide range of other basic academic abilities.

#### **Division of Human Life Studies, Faculty of Human Life and Environmental Sciences**

Human daily life is a complex and comprehensive activity in which life-long human development, the ideal nature of human society to enable the activities of daily life, ethnicity, history, tradition, culture, and a variety of other aspects are mutually linked. Our highly complex contemporary society needs people who are able to gain a comprehensive understanding of the complex activities of daily human life, clarify the conditions and social structures that will enable humans to live vibrantly throughout their lives, as well as the ideal nature of culture, and achieve those things.

The Division of Human Life Studies utilizes three interrelated approaches in an aim to develop individuals who will lead the way toward this type of rich and abundant daily human life. The approaches are from the perspective of (1) an understanding of the link between an understanding from the perspective of developmental psychology, clinical psychology, and child studies related to human life-long development and implementation of the concepts, and understanding that will be of use in the home, in childcare, in clinical psychology, and in other contexts (developmental clinical psychology), (2) a social scientific understanding of daily life, society, and the relationship between the two, including issues such as the family, consumers, women, senior citizens, children, systems, and policies, etc., with an eye on the multidimensional environment, from the local to the international community (social science and family studies), and (3) an understanding of the history and current state of lifestyle and culture from the perspective of aesthetics, comparative culture, and ethnology, focusing on the things that have the closest connections to humans, such as clothing, housing, crafts, design, and other elements of the formation of daily life (cultural and historical studies). We hope that students who have interest in and awareness of such issues and are motivated to conduct related research, students who would like to contribute to the creation of a society that values humanity in the midst of our confused contemporary lifestyle, and students who are passionate about achieving an enriching life, will choose to study in the Division of Human Life Studies. In the screening, test results and oral examination results are considered together for the assessment. The oral examination uses questions to assess the applicant's ability to have her own clear ideas and plans for future study, and to communicate them to others through precise expressions.

Students select their main program at the end of the first year after enrollment, in the same manner as students who were admitted through the general entrance exam.

#### **(g) Master's Program**

##### **[Division of Comparative Studies of Societies and Cultures (Overall)]**

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 seeks students who have sufficient knowledge and academic skills to form the foundation to conduct specialized research in individual fields, and who have acquired the wide range of learning needed to take an interdisciplinary perspective on research.

The four language and culture departments (Japanese Language and Literature, Asian Languages, Literatures, and Cultures, English and French Languages, Literatures, and Cultures, Applied Japanese Linguistics) conduct advanced comprehensive research on linguistic activity, which is one of the basic human

acts, and the variety of cultural phenomena that operate based on that activity.

The five humanities departments (Philosophy, History and Art History, Cultural and Historical Studies, Dance, and Music) aim to take a broad diachronic and synchronic approach to comprehensive research from the perspectives of philosophy, history, and daily life, as well as from an artistic perspective focused on physical activity, for an approach that is both specialized and interdisciplinary.

#### Department of Japanese Language and Literature

The Department of Japanese Language and Literature conducts deep research on the Japanese language and literature of each era and field based on a variety of methodologies, to investigate the essence of Japanese culture.

The Department seeks students who have the following four qualities.

1. A broad range of knowledge regarding classical, modern, and contemporary Japanese literature and language
2. Specialized knowledge and a deep awareness of issues related to the target of research
3. The ability to read and write in a certain foreign language (the Japanese language required for research in the case of international students)
4. Sufficient communication skills and a positive attitude toward contributing to society through scholarship

#### Department of Asian Languages, Literatures, and Cultures

The Department of Asian Languages, Literatures, and Cultures conducts research mainly on the language and literature of mainland China, Taiwan, Hong Kong, Southeast Asia, and other parts of the Chinese-speaking world. Students in the Department engage in comparative cultural research on the propagation and reception of the Chinese classics, as well as comparative research of Chinese and other languages.

We welcome individuals who aim to become researchers in the fields of Chinese linguistics and literature and individuals who desire to increase their skills as Chinese teachers and Japanese teachers.

A written test is used to assess the applicant's knowledge of her specialty (classical Chinese linguistics, modern Chinese linguistics, classical Chinese literature, modern/contemporary Chinese literature) and her Chinese reading comprehension (classical and modern). In the oral examination, examiners mainly ask for an explanation of the applicant's specific research plan, but sometimes also ask for a description of her graduation thesis or the results of past research, or test her Chinese speaking skills.

#### Department of English and French Languages, Literatures, and Cultures

The Department of English and French Languages, Literatures, and Cultures is divided into specialization in English language, literature, and culture and specialization in French language, literature, and culture, but as necessary, research is conducted using interaction and a comparative perspective between the two language worlds. The areas of research are generally divided into literature and language. In the literature area, students conduct research on the literature and culture of the specific language world. In the language area, students conduct research on English linguistics, French linguistics, and English language education based on English linguistics.

The actual selection method uses the following three things as the assessment criteria. The three criteria are solid proficiency in the language for the area of specialty and a different foreign language (English, French, German, or Chinese), sufficient basic knowledge in the area of specialty, and recognition of the writing skills necessary for an original research thesis.

#### Department of Applied Japanese Linguistics

The Department of Applied Japanese Linguistics develops human resources who have a high level of expertise and research capabilities that enable them to respond to the various needs of Japanese language education both domestically and overseas, and retrains current Japanese instructors.

A written test and an oral examination are used to assess whether the applicant has basic knowledge of applied Japanese linguistics and peripheral fields and a concrete research plan that will allow her to complete a master's thesis in those areas in two years.



### Department of Philosophy

The Department of Philosophy consists of the study of philosophy and ethics. The specialties of staff members are divided into western (mainly Greek, Anglo-American, and German) philosophy/thought and current philosophical research that carries on its tradition and methods in the case of philosophy, and Shinto, Buddhism, Confucianism, and other aspects of the history of ethical thought in Japan in the case of ethics. The issues addressed by philosophy are related to the basis of human existence and human nature, the nature and workings of knowledge and language, and values and ideals in cultures and societies. These provide us the opportunity to reconsider the foundations of our own worldviews and systems of values. In the history of ethical thought in Japan as well, research on original sources by the groundbreaking thinkers of each era in combination with examination and investigation of the inner world of the common people and the spread of cultural phenomena is likely to provide an understanding of today's Japanese people.

The Department of Philosophy seeks applicants who understand the research area and stance that are part of the Department, who understand the text and materials related to research, and who have the fundamental learning that allows these things to resonate with them, as well as individuals who respect objective, logical analysis and discussion, who have a perspective that allows them to consider the positioning and meaning of their own research in our times, and who will independently and proactively seek answers to the relevant problems.

### Department of History and Art History

In the Department of History and Art History, students utilize diverse formative materials, including written materials, in a multifaceted manner to research politico-economic and socio-cultural issues in Japan, Europe, and Asia, and engage in empirical and comparative analysis and research of visual culture from an art history perspective. A written test is used to assess the applicant's language proficiency that is necessary for reading materials and research literature, as well as her knowledge that will be the foundation for research in her area of specialty (Japanese history, Asian history, European history, or art history).

An oral examination is used to assess the applicant's ability to analyze materials and construct logical arguments, with a focus on her graduation thesis (or research findings in lieu of a thesis) and research plan. In addition to individuals who would like to pursue research as an occupation in the future, we also welcome applicants who would like to utilize the skills and knowledge gained in the master's program in society.

### Department of Culture and Historical Studies

In the Department of Culture and Historical Studies, students try new interdisciplinary research on the various aspects of life culture, focusing on clothing, crafts, housing, and other elements of the formation of daily life, from a variety of perspectives, including cultural history, social history, comparative cultural theory, aesthetics, and ethnology. In particular, the Department focuses on research to identify the emotions of daily life and the aesthetics of the applicable era through a study of the history of clothing and contemporary modes in Japan and the West and other aspects of clothing culture, research to comprehensively address a wide range of life culture, from crafts and design to food and housing, from the standpoint of comparative cultural theory, and research that addresses the life culture that has been handed down for generations from the standpoint of ethnology and cultural anthropology.

The Department seeks students who have a broad range of learning and perspective related to life culture, as well as specialized knowledge about the target of research and the ability to make original analyses, and who have a desire to communicate cultural and historical theory both in Japan and abroad as the path to understanding humans.

### Department of Dance

The Department of Dance conducts interdisciplinary education and research on dance, sports, and other physically expressive movement, from the fields of the arts, ethnology, pedagogy, and sports science, etc. The Department focuses particularly on research areas such as dance education, dance and the arts, folk dance, physical education teaching, human movement, and sports management. The Department aims to develop specialized human resources (researchers, physical education instructors, leaders, performers, etc.) who have acquired a sufficient level of theoretical and scientific knowledge, on a foundation of the practice of dance and sports.

In addition to practical experience, applicants to the Department need to have a level of foreign language proficiency and specialized knowledge that will allow them to write a master's thesis.

#### Department of Music

Students in the Department of Music research music as cultural representation from the perspectives of both theory and practice. The theoretical aspect includes musicological research on the relationship between music and the cultures of the world, including Japan, or musical composition. From the perspective of practice, the Department conducts research mainly on modern western keyboard and vocal music from the perspective of techniques of expression through physical action, and develops international-level performers. Regardless of whether the student's major is musicology, composition, vocal music, or piano, a high-level master's thesis will be required, so a sufficient level of foreign language (particularly English) proficiency and specialized knowledge are necessary. In addition, a graduate school is a place for research, so students will also be required to think for themselves and take a proactive approach to implementation.

#### **[Division of Human Developmental Sciences (Overall)]**

Students in the Division of Human Developmental Sciences take an interdisciplinary approach to humans as social and individual entities, and to their developmental process, on a foundation of educational science, psychology, and sociology, etc. In addition, the Department explores the empirical scientific methodology and theories needed to make a comprehensive and organic connection between society, humans, and development, based on a practical awareness of issues directed toward the resolution of societal and psychological ills.

#### Department of Educational Sciences

Students in the Department of Educational Sciences utilize a variety of methodologies to conduct scientific research on the processes of development throughout human life, as well as practical research to contribute to the resolution of educational issues.

The Department utilizes educational thought, educational history, and educational sociology as the basic science and methodology, and has established curriculum theory, educational method theory, educational development theory, life-long education theory, and museology as the macro/micro practical science.

The Department aims to develop researchers who can think about human development from the perspective of educational science, and practitioners who have a researcher's perspective. In the initial screening, the applicant's basic abilities in educational science are assessed through an English test and a test of the area of specialization (four questions are selected from the six areas listed under "specialization test" for the Department of Educational Sciences, including the area applied for). In the secondary screening (oral examination), the applicant's motivation for applying, research plan, etc., are assessed to comprehensively determine whether she has passed, with the applicant's graduation thesis (or other items indicating research findings) and other application documents also used for reference.

#### Department of Psychology

In the Department of Psychology, students study and understand human psychology, focusing on the brain as the core, in a multidimensional and comprehensive manner on the time axis of development and the space axis of society.

Accordingly, we have established course subjects such as the following. Social Psychology, Developmental Clinical Psychology, Character Formation, Cognitive Systems, Cognitive Science, Developmental Psychopathology, and Health Psychology

The aim of the Department is to develop researchers in psychology through education and research in these courses.

We look forward to applications from students who desire to become researchers or psychological specialists in the future. Applicants should have already learned basic scientific statistical methods and research methods, and have the ability to read academic papers in English. We seek students who have an interest in a wide range of areas, but who are also motivated to conduct specialized research in the field of developmental psychology, cognitive psychology, social psychology, clinical psychology, educational psychology, or personality psychology. In the entrance exam, an English test and a test in the area of specialization are used to assess the applicant's basic abilities that are needed to conduct specialized research in the intended field.

### Department of Developmental and Clinical Psychology

The Department of Developmental and Clinical Psychology conducts education and research on developmental clinical psychology. The Department of Developmental and Clinical Psychology will foster the ability to address clinical psychology and developmental issues particularly in the home, in kindergartens, in schools, in hospitals, and at other sites, in a specialized manner, and will foster the basic research capabilities required to conduct research in developmental clinical psychology on the pillars of clinical psychology.

The Department seeks as students: 1) individuals who want to become clinical psychologists, and who have the necessary intellectual abilities, motivation, and time, and 2) individuals who want to become researchers in clinical and developmental psychology. Accordingly, we require not only a specialty and foreign languages skills, but also a clear purpose for applying and research plan. In addition, we seek individuals who will take the time outside class time to participate in consultation room activities as a place for clinical practice. The Department has been designated by the Foundation of the Japanese Certification Board for Clinical Psychologists as a Class 1 school.

### Department of Applied Sociology

Students in the Department of Applied Sociology conduct social scientific research on the various problems of contemporary society (issues of the family, region, communication, etc.).

The Department holds courses such as Problems in Social Groups, which addresses human relationships, professional groups, and networks, Problems in Social Consciousness, which addresses deviance, discrimination, and communication, and Social Welfare, which addresses welfare policy and social issues.

The Department seeks applicants who have basic knowledge of sociological theory and research methods and a concrete and expansible plan for research related to the various sociological fields (sociological theory or sociological research on the family, media, gender, welfare, social consciousness, social groups, social hierarchies, etc.). After completion of the master's program, there are two paths that students can take. One is to advance to a doctoral program, and the other is to accept employment in a private research institute, as a public servant, or in a general company.

Exams consist of a foreign language test, a specialization test, and an oral examination, but the applicant's graduation thesis is also important in determining whether she has passed. If the applicant has not written a graduation thesis, the graduation thesis is in the sciences, or the graduation thesis has been written in a language other than Japanese, the applicant must submit a thesis in Japanese that addresses a sociological topic and is at or above a level comparable to a graduation thesis. However, if the graduation thesis regarding a sociological topic is written in English, the applicant may submit the English thesis with an abstract written in Japanese attached.

### Department of Child and Childcare Studies

The purpose of the Department of Child and Childcare Studies is to develop human resources who can provide effective support to the home and childcare/educational sites as researchers in the field of childcare and pedology or as practitioners who have the perspective of a researcher, as well as human resources who research the ideal nature of that support.

The Department strives to improve specialized competence and research qualifications on a foundation of research areas mainly consisting of early childhood care and education, pedology, developmental psychology, sociology, pediatrics, and behavioristics, etc. For example, students in the Department conduct research on education and childcare beginning in early childhood, research on developmental support for parent-child development and support for childcare in society, and research on the ideal nature of collaboration viewing school education from nursery school/kindergarten to elementary school and above, etc., and education in the transition period. We welcome not only individuals advancing from undergraduate studies, but also individuals who are already employed in related occupations, individuals who have on-site experience, and other working people who have the desire to take an analytical and scientific approach to a variety of practical issues. The entrance exam assesses the applicant's basic knowledge of childcare studies, pedology, developmental psychology, sociology, pedagogy, pediatrics, and behavioristics, etc., and the ability to discuss and analyze scientifically. Be sure to visit the departmental website before applying.

### **[Division of Gender and Social Sciences (Overall)]**

The Division of Gender and Social Sciences aims to reconsider conventional "common sense" and conduct

research to discover new problem areas, by tying together the analytical methods of a broad range of sociological fields and the perspective of gender. From a methodological perspective, the Division takes on the challenge of creating new areas with a view toward twenty-first century society, relying on an interdisciplinary approach that involves the perspective of gender while respecting the existing approaches of individual areas, under the theme of contemporary problems related to humans, daily life, society, and the environment. The purpose of the Division's education is to develop learning and academic skills that are suited to the pioneering of new areas, with a focus on the development of human resources who will contribute to the creation of a gender-equal society and the resolution of social issues, and human resources who are able to contribute to international activities in the global community. The three departments of the Division have diverse staff configurations, helping students to examine research themes in a multidimensional and pluralistic manner. In addition, students are able to participate in exercises, etc., that cross into multiple departments in accordance with the student's interests, and in the case of some themes, students are able to request secondary advisors from other departments. The Department welcomes applicants who have motivation and interest for cross-disciplinary research that pioneers new areas.

#### Department of Social and Family Policies

The Department of Social and Family Policies aims to foster the ability to clarify the problems related to civic and family life, consumption, labor, and the way of living of men and women in the postmodern world, in accordance with social scientific theory and methodology, and to propose measures to solve those problems. The Department emphasizes the learning of analytical techniques from the fundamentals to application of law studies, political science, economics, and sociology, and the development of the sense needed to set agendas that incorporate the perspective of gender. After graduation, many alumni accept employment in research, in national and local public service, or as NPO staff members, etc. There are also many cases in which individuals who are already in such positions enroll for the purpose of further developing their specialized investigative research abilities. The Department offers courses for the acquisition of qualifications, such as home economics vocational certificates and specialized social researcher credentials, etc.

The applicant's scores on the foreign language test (English, August/February entrance exams), short essay (August entrance exam), specialization test (February entrance exam), and oral examination (August/February entrance exams) are considered together with the submitted thesis and research plan, etc., to conduct the screening.

#### Department of Geography and Environmental Studies

The Department of Geography and Environmental Studies conducts research on issues related to space, region, and environment that transform with the advance of globalization, from the perspectives of the relationship between humans and the environment, socioeconomic spatiality, international relations, international cooperation, human migration and community, health and welfare, and the feel and identity of locations in daily life, etc. The targets of research are diverse, and include such things as the natural environment, the built environment, living space, regional development, and local culture and its transformation. Specific research methods are also varied, and include social scientific theory, as well as fieldwork, observation, GIS, statistical analysis, and the creation of mathematical models, etc.

We look forward to receiving applications not only from individuals who plan to become professional researchers, but also those who have or who intend to have the experience of engaging in work with international and governmental organizations, NGOs, and other aspects of international cooperation and exchange, individuals who are involved with developmental education and the understanding of other cultures at the site of school education, individuals who plan to be active in environmental policy, marketing, and other such fields, individuals who would like to participate in regional development (regional economic stimulus), and other individuals who have a wide range of interests.

See the Department of Geography and Environmental Studies website (<http://www.li.ocha.ac.jp/hum/chiriog/chiri.htm> ) for details.

#### Department of Gender and Development Studies

The Department of Gender and Development Studies introduces the perspective of gender into conventional academic research, and pursue the possibilities of new interdisciplinary research. The Department aims to develop students who have a wide variety of interests and abilities, including not only theoretical analysis, but

also development, international cooperation, and other areas of application, and responds to societal demands both domestically and overseas, as an original department that cannot be found anywhere else in Japan.

The curriculum consists of a set of courses that establish the concept of gender and serve as the foundation for gender research, courses that are linked to developmental research and international research, courses related to gender policy and global economics research, and courses on research methodology and theory of practice.

The Department selects individuals who want to participate in government, NPOs, and other aspects of the creation of a gender-equal society as well as international cooperation in the area of “gender and development” in the future, as well as individuals who already have experience in those areas, individuals who want to further deepen their theoretical and methodological knowledge and conduct social analysis from the perspective of gender, and other individuals who plan to become practitioners or researchers. Students are selected through testing of basic academic abilities using specialization tests and foreign language tests, while at the same time placing weight on the content of analysis in the applicant's submitted thesis and her research plan.

The Department seeks individuals who are motivated to utilize gender theory, cultural anthropology, sociology, economics, political science, area studies, and other such methods to clarify issues related to gender and development, in a multifaceted, theoretical, and empirical manner. The Division of Interdisciplinary Gender Studies has been established in the doctoral program.

See the Department of Gender and Development Studies website (<http://devgen.igs.ocha.ac.jp/>) for details.

### **[Division of Life Sciences (Overall)]**

The Division of Life Sciences strives to organically integrate the academic fields of biological science and life science and approach humans from the perspectives of both life and daily living, in order to contribute to the development of the life sciences in general, from basic biological science to biotechnology. Accordingly, the Division has established the Department of Biological Sciences, the Department of Human Environmental Sciences, the Department of Food and Nutritional Sciences, and the Department of Genetic Counseling. We develop human resources who are able to understand a broad range of the life sciences overall, from the basics to application. Students in the Division are required to create and implement plans for experiment-based research related to the life sciences, under the direction of teaching staff members. Accordingly, students must have the ability to conduct literature searches, conduct research, and assess the adequacy of research, etc.

#### **Department of Biological Sciences**

The Department of Biological Sciences aims to conduct education and research related to humans as a species of living organism and the variety of species with which humans are involved to enable understanding of the essence of life that is characterized by diversity and uniqueness, at the gene, genome, biomolecule, cell, individual organism, and group level, etc. Conducting research requires not only the ability to solve the problems that are right in front of you, but also the ability to create a logical line of thought to discover and clarify problems, such as what you do not yet understand, or how you will approach the problem. In addition, it is necessary to expand your vision past your own interests and put forth effort to identify knowledge that is related to the problem you are addressing. The Department of Biological Sciences seeks individuals who have a deep interest in the field of biological science, who are full of the desire to improve themselves, and who overflow with intellectual curiosity.

#### **Department of Human Environmental Sciences**

The Department of Human Environmental Sciences addresses the various issues related to the environment, focusing on human life, and conducts research and education on the characteristics and physiological mechanism of humans as living organisms, and the interaction between the human body and the environment. Specifically, areas of research include the proposal and planning of urban and housing design; engineering analysis of human neurological and physiological functions and the design of ergonomic devices based on the results of that analysis; development of deodorant and super-absorbent materials and other daily living materials; design and evaluation of urban and architectural spaces based on universal design; disinfectants and other technology to remove harmful substances for a safe and pleasant water environment; and analysis of data related to human evolution, mutation, and adaptation with a focus on the physical body. The focus of each type of research is to grasp the essence of the borderline region (interface) between humans and the environment

scientifically and technically from the perspective of humans and the environment, then propose concrete measures to improve the interface, thereby improving our lives. Accordingly, applicants should have thoroughly learned natural sciences subjects, which form the foundation, have a high degree of interest in practical issues related to the natural environment, the living environment, and humans, and be motivated to propose and contribute research findings as concrete designs to society.

#### Department of Food and Nutritional Sciences

The Department of Food and Nutritional Sciences aims to build a wholesome dietary life and analyze and resolve the issues of lifestyle-related disease prevention and food safety, etc., in areas extending from basic research to applied development and clinical approaches related to food and nutrition. To this end, the Department develops food and nutrition specialists, and fosters researchers and developers for food companies, and national registered dietitian leaders. The Department utilizes organic chemistry, biochemistry, molecular and cellular biology, and epidemiology, etc., to conduct education and research on the various issues surrounding food, such as food quality, palatability, function, safety, metabolism, and the relation to disease, etc., from the perspectives of both food science and nutritional science. Students are required to take a proactive and independent approach to research and experimentation. General natural science knowledge, particularly in chemistry and biology, is required.

#### Department of Genetic Counseling

Genetic counseling studies is an interdisciplinary field that was born in conjunction with the development of medical genetics in recent years. It has a unique academic structure that has been created through links between a broad range of fields, including human genetics, medical genetics, counseling, and bioethics. The Department of Genetic Counseling provides education to enable students to learn the fundamentals and practical skills of genetic counseling that are required of genetic counselors, while at the same time helping them acquire the abilities needed by educators and researchers.

#### **[Division of Advanced Sciences (Overall)]**

The purpose of the Division of Advanced Sciences is to develop human resources who will lead the way in the next generation by utilizing contemporary natural science methodology to conduct integrated interdisciplinary education and research on the complex phenomena woven by humans and nature, while aiming to create a new science. We hope to enjoy science with many students who have sufficient basic academic abilities and precise thinking skills, while at the same time being moved by the beauty of nature's logic, and who have the sensitivity to have their curiosity stimulated by encounters with the unknown.

#### Department of Mathematics

The goal of the Department of Mathematics is to conduct high-level specialized education and research related to the development of mathematical theory that takes into consideration the link to a variety of other fields as well, and to develop highly skilled professionals, junior/senior high school teachers, and researchers, etc., who have advanced mathematical knowledge and proficiency. In accordance with this educational goal, our policy is to welcome a wide range of students who want to take on the challenge of unsolved problems, who are deeply moved by the beauty and enjoyment of mathematics, who want to acquire a sense of mathematical methods and use them in society, and who otherwise like mathematics and are filled with motivation to learn, and who have basic academic abilities in the field of mathematics.

In the actual screening, we assess the applicant's understanding of basic concepts and facts, ability to make basic calculations accurately, and ability to provide clear and accurate proofs and arguments, related to the knowledge and skills that will be required regardless of the student's major mathematical field, such as calculus and linear algebra, as well as the fundamentals of the mathematical field that the student intends to select as a major.

#### Department of Physics

The Department of Physics conducts education and research using a comprehensive approach through quantum theory, statistical mechanics, relativity, and other aspects of physics to identify the properties displayed by matter and predict new phenomena, targeting a range of areas that stretches from microscopic

elementary particles to solids and liquids, which are assemblies of atoms and molecules, and even to space. We seek students who are full of curiosity to think about nature, who have the strong patience needed to persist in thinking, who develop ideas about nature intuitively, who adhere strictly to logic and reason carefully, and who are otherwise individual and independent.

#### **Department of Chemistry and Biochemistry**

The Department of Chemistry and Biochemistry conducts experimental and theoretical research and education from a broad perspective regarding the synthesis, structures, reactions, physical properties, functions, and molecular interaction of a wide range of molecules and molecular assemblies ranging from organic/inorganic molecules and metal complexes to proteins, sugars and other biological macromolecules. The Department seeks students who are interested in gaining the knowledge needed to conduct research in molecular science and chemically identifying the universal mechanisms of life, and who are motivated to pioneer borderline regions and unknown fields.

#### **Department of Computer Science**

Computer science is a rapidly developing field. The Department of Computer Science conducts research and education in a wide range of fields extending from the basic theories of information to applied technology, in order to develop researchers and highly skilled professionals who work at the worldwide cutting edge of the field, as well as educators who are able to teach the information sciences of the next generation. In accordance with this goal, we welcome a wide range of individuals who have basic academic abilities in the information sciences and mathematical sciences, an education that enables them to read and write literature in English, and deep motivation.

#### **[Division of Cooperative Major in Human Centered Engineering (Overall)]**

The purpose of this major shall be to develop female human resources who have the ability to approach flexibly the various issues related to human living, and integrate the perspective of consumers rooted in daily living with engineering techniques, thereby conducting research, in order to create a safe, secure, and abundant future society and lifestyle. For this, students will learn broadly in the fields of engineering, from the basics to application, approaching the various issues related to daily living from the perspective of the consumer, thereby implementing educational research aimed at creation of the new field of human-centered engineering.

In that context, the Cooperative Major in Human Centered Engineering master's program seeks broadly students who have the following traits.

1. Individuals who have a deep interest in practical issues related to humans and living environment, as well as the motivation and ability to engage in the resolution of issues from the perspective of human-centered engineering.
2. Individuals who have high aspirations to contribute to society through the proposal and return of research outcomes.

#### **(h) Doctoral Program**

##### **[Division of Comparative Studies of Societies and Cultures (Overall)]**

The Division of Comparative Studies of Societies and Cultures aims to establish the fundamental theories of human culture by conducting advanced interdisciplinary and comprehensive specialized research related to societies and cultures. In addition, the Division strives to promote research on Japan in an international perspective and communicate Japanese studies to the world as a comprehensive discipline.

The Division seeks individuals who have a strong awareness for conducting research independently while adhering to this objective. Particular emphasis is placed on the following two prerequisites.

1. Students should have the linguistic ability needed to read materials and literature, and to engage in international research exchange.
2. Students should have the knowledge and research capabilities that can serve as the foundation for the aforementioned research on the past and current social structures of Japan and other regions around the world, etc., on languages, literatures, and philosophies, etc. of Asia, Europe, and North America, or on the artistic works and activities, etc., of Japan and other regions around the world.

### Department of Japanese Studies in a Global Perspective

The Department of Japanese Studies in a Global Perspective is positioned as a strategic research and education department in the University, and aims to become the world's foremost educational site for Japanese studies, by developing individuals who will engage in Japanese studies from an international perspective in response to the current circumstances of the internationally diversifying graduate school education, and communicate Japanese studies to the world as a discipline that integrates literature, linguistics, historiography, archaeology, philosophy, culture, and body theory.

Students who advance to the Department are expected to conduct advanced research in their individual areas of specialty, as well as to foster an interdisciplinary interest in Japan in light of their specialties, accumulate comprehensive knowledge, and participate actively in research exchange, as well as to give attention to the development of their internationality as they conduct research, by improving their foreign language proficiency, which serves as a foundation for such activities.

### Department of Language, Literature, and Culture

The Department of Language, Literature, and Culture strives to help students deepen their specialized knowledge of the literature, linguistics, and language education of each country, focusing on Asia, Europe, and the United States, and foster a research perspective that crosses through each of those areas, thereby developing individuals who will proactively develop and recommend contemporary cultural and critical functions that utilize the medium of language, from the standpoint of international cooperation as well.

### Department of Comparative Social Studies

The Department of Comparative Social Studies promotes mutually cross-comparative research on Japan, Asia, Europe, North America, and Islamic regions, focusing on aspects stretching from philosophical thought and history to sports, and while taking into consideration the philosophy and history of the past. Students in the Department are expected to significantly strengthen their social analytical perspective and conduct interdisciplinary and comprehensive research on society and culture that does not stop at analysis of social structures.

### Department of Arts and Representational Studies

Focusing mainly on art, craftwork, clothing, dance, music, and museology, the Department of Arts and Representational Studies integrates theory and practice of cultural representation and expression in dance and music from multiple perspectives, while at the same time conducting analysis and research in a specialized, cross-disciplinary, and critical manner. The Department seeks students who have a wide range of knowledge regarding representational art, specialized knowledge, and the ability to conduct creative analysis, and who are motivated to recommend representational art theory to society as a powerful medium for human understanding and international cooperation.

### **[Division of Human Developmental Sciences (Overall)]**

The Division of Human Developmental Sciences develops individuals who will become female researchers who conduct high-level specialized research related to a wide range of themes related to development throughout life and the social environment. We look forward to welcoming students who are motivated to solve the problems faced by Japan and the world in the past, the present, and on into the twenty-first century, in the areas of human development, environment, education, and daily life, etc. Students are expected to be able to complete their doctoral dissertations in three years. Beginning in the first year after enrollment, students will be expected to produce research results according to plan through conference presentations, submission of journal articles, and participation in research activities both inside and outside the university, etc., on an annual basis. The first step is to complete an excellent master's thesis.

In the entrance exam, the quality of the students master's thesis and whether her future research plan is clear are evaluated. As a rule, a score of 60% or higher on the language test is also required. Please consult in advance with teaching staff members from whom you would like to receive research guidance. We look forward to applications from motivated students.



### Department of Educational Science

Students in the Department of Educational Sciences utilize a variety of methodologies to conduct scientific research on the processes of development throughout human life, as well as practical research to contribute to the resolution of educational issues. The Department utilizes educational thought, educational history, and educational sociology as the basic science and methodology, and has established curriculum theory, educational method theory, educational development theory, and life-long education theory as the macro/micro practical science. The Department aims to develop researchers who can think about human development from the perspective of educational science, and practitioners who have a researcher's perspective.

### Department of Psychology

In the Department of Psychology, students study and understand human psychology, focusing on the brain as the core, in a multidimensional and comprehensive manner on the time axis of development and the space axis of society. Accordingly, we have established course subjects such as the following. Advanced Studies in Developmental Psychology, Cognitive Science, Moral Development, Media Psychology, Research in Health Behavior, and Developmental Psychopathology. The aim of the Department is to develop researchers in psychology through education and research in these courses. We look forward to welcoming students who have a desire to become researchers or specialists in psychology. Applicants should have already learned basic and application methodologies and statistical methods, and have the ability to write academic papers in English. We seek students who have an interest in a wide range of areas, but who are also motivated to conduct specialized research in the field of developmental psychology, cognitive psychology, social psychology, educational psychology, clinical psychology, or personality psychology.

### Department of Developmental and Clinical Psychology

The Department of Developmental and Clinical Psychology conducts education and research on developmental clinical psychology. The Department fosters the ability to address clinical psychology and developmental issues in the home and in the educational, medical, welfare, judiciary, industrial, and other fields, in a specialized manner, and the high-level research capabilities required to conduct research in developmental clinical psychology on the pillars of clinical psychology. We seek students who have a desire to become researchers or specialists in clinical psychology. Applicants should already have learned the fundamentals of clinical psychology, application methodology, and statistical methods.

### Department of Sociology and Social Policy

Students in the Department of Sociology and Social Policy utilize the social sciences as the fundamental discipline, focusing on sociology but also including economics, law, and other such areas, to explore the various human, social, and cultural phenomena. In addition, the Department emphasizes not only the relationship between theory and demonstration in social scientific research, but also maintains an awareness of the close connection with practice, and emphasizes development as policy science research as well.

### Department of Child and Childcare Studies

The purpose of the Department of Child and Childcare Studies is to develop human resources who have the ability to analyze and understand in a multifaceted manner the diverse problems that occur at the sites of childcare and parenting, and who have the high-level specialized knowledge and ability to implement ideas that enable them to work toward the resolution of those problems. Specifically, the Department develops highly skilled professionals and researchers who conduct research on childcare in early childhood and childhood education, support for parent-child development beginning in early childhood, and connected education from age zero through childhood and school age, etc. The Department aims to develop individuals who keep in range the process of development in infancy, early childhood, and childhood, as well as the process of development of the parents, childcare workers, and teachers, etc., who are involved in that process, who have the ability to analyze the various problems that are socially required, and who have advanced knowledge and practical experience related to methods of approaching problems and the resolution of issues, as well as methods of providing assistance. We anticipate the development of individuals who will be active as leaders, such as researchers in specialized fields, and childcare and education advisors.

### **[Division of Interdisciplinary Gender Studies (Overall)]**

The Division of Interdisciplinary Gender Studies welcomes students who have interest in conducting research on a broad range of topics from the perspective of gender, including the family, labor, human rights, education, development assistance, economics, politics, legal policy, international relations, regional planning, the environment, scientific technology, welfare, and healthcare, and who are motivated to solve the variety of related problems.

Admission requires the completion of an excellent master's thesis or similar project in the social sciences, the humanities, or other academic field. As a rule, a score of 60% or higher on the entrance exam's language test is also required. Beginning in the first year after enrollment, students will be expected to produce research results according to plan through conference presentations, submission to journals, and participation in research activities both inside and outside the university, etc., on an annual basis, and to complete their doctoral dissertations in three years. Be sure to consult in advance with teaching staff members from whom you would like to receive research guidance.

The degrees available in the Division are in language arts, liberal arts and humanities, social science, and human life and environmental sciences.

#### **Department of Interdisciplinary Gender Studies**

Students in the Department of Interdisciplinary Gender Studies explore theoretical, empirical, and policy issues, focusing on gender. Analysis focused on the perspective of gender is considered necessary in all policy areas, including the family, labor, human rights, education, development assistance, economics, politics, international relations, regional planning, the environment, scientific technology, and healthcare, etc. The Department aims to develop individuals who will proactively engage in gender issues that cross the boundaries of academic disciplines.

### **[Division of Life Sciences (Overall)]**

The Division of Life Sciences strives to organically integrate the academic fields of biological science and life science and approach humans from the perspectives of both life and daily living, in order to contribute to the development of the life sciences in general, from basic biological science to biotechnology. Accordingly, the Division has established the Department of Biological Sciences, the Department of Human Environmental Sciences, the Department of Food and Nutritional Sciences, the Department of Genetic Counseling and the Department of Disease Prevention Science. The Division will develop human resources who have a broad range of understanding of the life sciences overall, from the fundamentals to application, and who are able to work independently as researchers and take leadership roles in the life sciences field. Under the direction of teaching staff members, students in the Division are required to select an issue related to the life sciences, create a research plan focused on experimentation, implement the plan, and release the findings. Accordingly, students must not only have strong self-awareness and motivation for research, but also the ability to conduct literature searches, conduct research, assess the adequacy of research, and present their findings, etc.

#### **Department of Biological Sciences**

Students in the Department of Biological Sciences examine the macroscopic and microscopic structures, functions, responses, information processing, and hereditary mechanisms of highly complex living organisms, at the organism, cellular, and molecular levels.

#### **Department of Human Environmental Sciences**

The purpose of the Department of Human Environmental Sciences is to clarify the relationship between humans and the environments in which they live, and to design and control that environment so that it is rational and comfortable for people. Specifically, students comprehensively research the exchange of matter and energy between humans and the environment in living spaces, physical, chemical, and physiological stimulation through the surface of the body and the accompanying response, and the relationship with comfort and safety, from the perspective of environmental parameters, material properties, and human physiology. In addition, students conduct research on humans as living organisms, in other words, the essence, origins, and transformation of humans. The Department places its research focus on grasping the essence of the borderline region (interface) between humans and the environment scientifically and technically from the perspective of humans and the environment, then on that foundation, proposing concrete measures to improve the interface,

thereby improving our lives.

#### Department of Food and Nutritional Sciences

The Department of Food and Nutritional Sciences works to build a wholesome dietary life and analyze and resolve the issues of lifestyle-related disease prevention and food safety, etc., in areas extending from basic research to applied development related to food and nutrition. The Department develops food and nutrition specialists who are able to conduct activities ranging from basic research related to food and nutrition to applied development and clinical application. Specifically, students aim to become researchers at universities and public research organizations, national-registered dietitian leaders, teachers at dietitian or national-registered dietitian schools, public servants, researchers at food companies, and national-registered dietitians working at hospitals. The Department utilizes organic chemistry, biochemistry, molecular and cellular biology, and epidemiology, etc., to conduct specialized education and cutting-edge research on the various issues surrounding food, such as food quality, function, palatability, safety, health, and the relationship between food and disease, etc.

#### Department of Genetic Counseling

The Department of Genetic Counseling aims to develop pioneering individuals who will play an active role in the new interdisciplinary field of genetic counseling. The Department develops individuals who will deepen their study of the knowledge, skills, and clinical practice needed by genetic counselors, and conduct research that contributes to the establishment of genetic counseling studies and genetic healthcare, and who will contribute to the pioneering of new academic fields and the promotion of education to provide guidance to those coming into the field later. Students must have a foundation of a love of humankind and a deep understanding of healthcare, and have the motivation and ability to contribute to the establishment of new fields in Japan from an international perspective.

#### Department of Disease Prevention Science

In addition to the abilities outlined in the admissions policy for Life Sciences majors, the Department of Disease Prevention Science seeks students with the following qualities: interest in systematic study of wide-ranging knowledge relating to disease prevention; the motivation to analyze and utilize individual items of genetic data and large volumes of information generated by medical equipment and devices; eagerness to contribute to society through data analysis; and a positive desire to actively exchange information with domestic and international researchers in other fields.

#### **[Division of Advanced Sciences (Overall)]**

The purpose of the Division of Advanced Sciences is to develop human resources who will lead the way in the next generation by utilizing contemporary natural science methodology to conduct integrated interdisciplinary education and research on the complex phenomena woven by humans and nature, while aiming to create a new science. We welcome not only women who have the basic abilities and strong motivation for research and aim to become researchers or highly skilled technicians, but also individuals who want to develop a higher level of specialized abilities while maintaining a foundation as a working person and women who desire to master academic studies in the context of their own lifestyle.

#### Department of Mathematics

The goal of the Department of Mathematics is to conduct high-level specialized education and research in the pure mathematical fields of algebra, analysis, and geometry, as well as specialized education and research in applied mathematics in which mathematical methodology is applied, and foster the ability to conduct research activities independently and the ability to conduct interdisciplinary research from the perspective of mathematics. In accordance with this educational goal, the Department welcomes students who have the desire to become self-reliant researchers who will identify issues themselves and examine the direction of resolution themselves, and who have the intention of proactively learning not only their own field of specialty, but also adjacent fields, and new fields and issues as well.

### Department of Physics

The Department of Physics provides education to develop individuals who have a high level of expertise in each area and the education needed as researchers, through cutting-edge research in each area of physics and areas adjacent to other departments. The Department seeks students who have sufficient basic academic abilities in each area of physics, as well as the self-awareness and motivation to become self-reliant researchers in the future and fulfill leadership roles with an international perspective.

### Department of Chemistry and Biochemistry

The Department of Chemistry and Biochemistry conducts education and research on the wide range of organic/inorganic molecules, metal complexes, and molecular assemblies of which matter is composed, and the biologically-relevant molecules, proteins, sugars, etc., of which living organisms are composed, in a manner that crosses into the various material sciences, substance production science, complex system science and biological science, etc. We welcome individuals who are motivated to explore the various phenomena at the atomic and molecular levels, who have an interest in interdisciplinary fields, and who will spare no effort to increase their creativity and independence in research, while expanding their international perspective.

### Department of Computer Science

In a broad field stretching from the basics of computer science to application, collaborating to conduct research makes it possible to identify the theory and application of computer science that are required in an advanced information society. In short, students conduct research on the mathematical science techniques required for the next generation of the information sciences, the computer science techniques that serve as the foundation for contemporary information science and application of those techniques, and the use and analysis of the variety of information generated by natural/life phenomena and the life sciences. We welcome a broad range of individuals with whom this resonates, regardless of their backgrounds.

### **[Division of Cooperative Major in Human Centered Engineering (Overall)]**

The purpose of this major shall be to develop female human resources who have the ability to approach flexibly the various issues related to human living, and integrate the perspective of consumers rooted in daily living with engineering techniques, thereby conducting research, in order to create a safe, secure, and abundant future society and lifestyle. In particular, the aim is to develop human resources who are able to conduct research independently and assume leadership roles. For this, students will learn broadly in the fields of engineering, from the basics to application, approaching the various issues related to daily living from the perspective of the consumer, thereby creating the new field of human-centered engineering, and implementing education and research aimed at a high level of academic growth.

In that context, the Cooperative Major in Human Centered Engineering doctoral program seeks broadly students who have the following traits.

1. Individuals who have a deep interest in practical issues related to humans and living environment, as well as the motivation and ability to engage in the resolution of issues from the perspective of human-centered engineering. The program broadly seeks not only individuals who aim to become researchers/advanced technicians who have the fundamental skills required for research and strong motivation, but also those who desire to develop further their advanced specialized abilities while maintaining a foundation as members of society.
2. Individuals who have academic abilities equivalent to a master's degree required for the above, and academic abilities in the various areas of science and engineering.
3. Individuals who have high aspirations to contribute to society through the academic development of research outcomes.