

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

Master's Program

1. The requirements for being awarded a master's degree are that a student must be enrolled for the stipulated number of academic years, take the courses that have been established by the Graduate School of Humanities and Sciences in accordance with its educational philosophy and goals, and earn the number of credits that meets the criteria. Students must also pass a review of their master's theses or findings of research on a specific issue, as well as the final examination.
2. The criteria for completion of the master's program are acquisition of academic learning from a broad perspective (DPA), and the ability to conduct research in the area of specialty or the abilities needed to engage in a profession that requires a high level of specialization (DPB).

Doctoral Program

1. The requirements for completion of a doctoral degree are that a student must be enrolled for the stipulated number of academic years, earn the number of credits that have been set as the standard, receive research guidance in accordance with the educational philosophy and aims of the Graduate School of Humanities and Sciences, and pass the doctoral dissertation review and all final exams within the standard course of study.
2. The criteria for completion of the doctoral program are acquisition of the abilities necessary for high-level specialized research and interdisciplinary, comprehensive research (DPA), and the knowledge and abilities necessary to conduct research activities independently as a researcher or to engage in a highly specialized profession (DPB).

For Both Master's and Doctoral Programs

3. Cultivate comprehensive, cross-disciplinary abilities that enable graduates to enter occupations requiring a high level of expertise, apply the research results in society, and contribute to society from a global perspective (DPC).

Policy for the Granting of Master's Degrees

Division of Comparative Studies of Societies and Cultures Diploma Policy

1. The Division of Comparative Studies of Societies and Cultures develops highly specialized expertise in the humanities with a focus on language, thought, history and the arts, and cultivates individuals with rich interdisciplinary research skills based on a broad range of education. The division therefore consists of four departments in the field of language and culture (Japanese Language and Literature; Asian Languages, Literature and Culture; English and French Languages, Literatures and Cultures; and Japanese as a Second Language Education) and five departments in the field of humanities (Philosophy, History and Art History, Cultural and Historical Studies, Dance, and Music).
2. The division generates specialized, outstanding research on society and culture. Accordingly, students acquire a broad range of learning with the goal of obtaining a cross-disciplinary research perspective, sufficient knowledge to conduct specialized research in individual fields (DPA), and superior ability to engage in professions that require a high level of specialization (DPB).
3. Cultivate comprehensive, cross-disciplinary abilities that enable graduates to enter occupations requiring a high level of expertise, apply the research results in society, and contribute to society from a global perspective (DPC).
4. The requirements for program completion are to earn the stipulated credits and pass a master's thesis review as well as the final examination. Students who complete the program earn a master's degree (liberal arts and humanities, social science, human life and environmental sciences, or Master of Arts and Science).

(1) Department of Japanese Language and Literature

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

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

The requirements for program completion are the acquisition of a high level of knowledge and methodology of ancient and modern Chinese culture and the Chinese language system, and acquisition of the ability to conduct research in the field of specialization.

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

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

(4) Department of Applied Japanese Linguistics

The requirements for completion of the program are firm acquisition of a solid foundation for scholarly research in relevant fields with a focus on applied Japanese linguistics, the internationally viable ability to identify and solve problems, the ability to process information, and communication skills, and further, to submit a master's thesis and pass the review and final examination.

(5) Department of Philosophy

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

(6) Department of History and Art History

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

(7) Department of Cultural and Historical Studies

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

(8) Department of Dance

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

(9) Department of Music

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

Division of Human Developmental Sciences Diploma Policy

1. The Division of Human Developmental Sciences cultivates talented people who acquire the fundamentals of empirical scientific methods as well as theories that comprehensively and organically link society, people and development, based on an awareness of practical problems and aimed at solving various social and psychological issues. The division therefore consists of five departments: Educational Sciences, Psychology, Developmental and Clinical Psychology, Applied Sociology, and Child Studies.
2. The division carries out specialized, high-level research on human development. Accordingly, students acquire a broad range of learning with the goal of obtaining a cross-disciplinary research

perspective, sufficient knowledge to conduct specialized research in individual fields (DPA), and superior ability to engage in professions that require a high level of specialization (DPB).

3. Cultivate comprehensive, cross-disciplinary abilities that enable graduates to enter occupations requiring a high level of expertise, apply the research results in society, and contribute to society from a global perspective (DPC).
4. The requirements for program completion are to earn the stipulated credits and pass a master's thesis review as well as the final examination. Students who complete the program earn a master's degree (liberal arts and humanities, social science, human life and environmental sciences, or Master of Arts and Science).

(1) Department of Educational Sciences

The criteria for completion of the program are acquisition of the ability to think richly and creatively and conduct research related to humans and the ideal nature of education, and the superior ability to engage in a profession that requires advanced specialization, through knowledge and methods of the area of specialization in the educational sciences.

(2) Department of Psychology

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

(3) Department of Developmental and Clinical Psychology

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

(4) Department of Applied Sociology

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

(5) Department of Child and Child Care Studies

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

Division of Gender and Social Sciences Diploma Policy

1. The Division of Gender and Social Sciences develops highly specialized expertise in research that links the social sciences and other fields and gender perspectives. For this purpose, the division seeks to cultivate people who will contribute to the development of new fields with an extensive view for twenty-first century society. Students rely on an interdisciplinary approach that factors in gender perspectives while respecting existing approaches in individual fields to tackle contemporary and concrete issues concerning life, family, society, region, city, nation, environment and other factors.
2. (DPA: Comprehensive liberal arts; DPB: High specialization) The division requires students to acquire the broad education necessary to gain a cross-disciplinary perspective on geography, anthropology, regional studies, development studies and international relations, sociology, economics, political science, and law, as well as the foundational knowledge necessary to examine research themes from multiple, multi-faceted, and interdisciplinary perspectives (DPA). Based on them, students acquire the superior abilities to practice advanced specialized research or to engage in a profession that requires a high level of specialization (DPB).
3. Cultivate comprehensive, cross-disciplinary abilities that enable graduates to enter occupations requiring a high level of expertise, apply the research results in society, and contribute to society

from a global perspective (DPC).

4. The requirements for completion of the program are to earn the stipulated credits and pass a master's thesis review as well as the final examination. Students who complete the program earn a master's degree (liberal arts and humanities, social science, human life and environmental sciences, or Master of Arts and Science).

Division of Life Sciences Diploma Policy

1. To receive a degree, students must take courses established by the Graduate School of Humanities and Sciences in accordance with its educational philosophy and goals and earn the stipulated number of credits within the prescribed period of enrollment.
2. The criterion for program completion is that students acquire academic knowledge using a broad perspective (DPA) and the ability to conduct specialized research or engage in a profession that requires a high degree of specialization (DPB).
3. Cultivate the comprehensive, cross-disciplinary abilities needed to apply research results in society and contribute to society from a global perspective (DPC)

(1) Department of Biological Sciences

Students are required to expand their knowledge of basic life sciences acquired in the bachelor's program to gain specialized knowledge in the field of life sciences, as well as the ability to apply them to related fields. Students who complete a master's thesis under the guidance of multiple academic advisors on research results in a specialized field appropriate for their master's program in that field, and who pass the review at the master's thesis presentation meeting, will receive a master's degree.

(2) Department of Food and Nutritional Sciences

Students must have academic learning from a broad perspective in the field of food and nutritional sciences, as well as the ability to conduct research in the area of specialty or the abilities needed to engage in a profession that requires a high level of specialization.

Students who earn the stipulated credits for courses established in accordance with the curriculum policy and pass a master's thesis review and the final examination will be awarded a master's degree.

(3) Department of Genetic Counseling

Students are required to acquire the basic and practical skills and mindset in genetic counseling needed to serve as genetic counseling professionals, as well as the core competencies to be an educator and/or researcher in genetic counseling (DPA). Students who integrate these qualities and abilities and acquire basic practical skills in genetic counseling (DPB), write a thesis in the field of genetic counseling or clinical genetics, and pass the final examination (DPC) are awarded a master's degree (Master of Arts and Science).

Division of Advanced Sciences Diploma Policy

1. The Division of Advanced Sciences cultivates talented people with highly specialized knowledge and research methods in various fields of natural science. The division has four departments to accomplish this task: Mathematics, Physics, Chemistry and Biochemistry, and Computer Science.
2. Students acquire the basic and advanced knowledge necessary to conduct high-level specialized research in their various fields, as well as the broad education necessary to gain an interdisciplinary research perspective (DPA). Students also acquire the ability to practice advanced, specialized research or engage in professions that require a high degree of specialization (DPB).
3. Cultivate comprehensive, cross-disciplinary abilities that enable graduates to enter occupations requiring a high level of expertise, apply the research results in society, and contribute to society from a global perspective (DPC).
4. The requirements for program completion are to earn the stipulated credits and pass a master's thesis review as well as the final examination. Students who complete the program earn a master's degree (science or Master of Arts and Science).

(1) Department of Mathematics

To earn a master's degree, students must establish a mathematical background, acquire logical

problem-solving skills and the ability to research problems to determine and organize their essence, and compile in a scholarly manner the knowledge gained from the findings of research in the area of specialization, in the form of a thesis, submit the thesis, and pass the review.

(2) Department of Physics

To earn a master's degree, students must expand on the basic physical science methodology acquired in the undergraduate program, acquire state-of-the-art specialized knowledge, submit a master's thesis that appropriately examines the findings of research conducted using physical scientific methods, and pass the review.

(3) Department of Chemistry and Biochemistry

Students must acquire the specialized knowledge and research methods needed to engage in research in the fields of chemistry and biochemistry based on the knowledge of basic scientific systems they acquired in the bachelor's program, as well as the ability to apply that to related fields. To earn a master's degree, students must also acquire the scholarly learning that is suitable for the master's program in the applicable field, compile in a scholarly manner the findings of research in the area of specialization in the form of a thesis, submit the thesis, and pass the review.

(4) Department of Computer Science

Students must acquire the ability to become independent researchers and/or advanced professionals in the field of information science based on the knowledge of basic scientific systems they acquired in the bachelor's program. To earn a master's degree, students must submit a master's thesis and pass a faculty review and the final examination. In the thesis, students should present precise observations using the appropriate natural science methods, indicate the positioning of the study in the field of information science research, introduce the findings with sufficient originality, and present them at a master's thesis presentation. Policy for the Granting of Doctoral Degrees

Division of Cooperative Major in Human Centered Engineering Diploma Policy

The requirements for program completion are to understand the significance of human-centered engineering and to acquire academic abilities in science and engineering, specialized knowledge and research abilities required in each research field (DPA, DPB). Students must be enrolled in the master's program for this cooperative major for a minimum of two years, earn the prescribed credits in accordance with the course requirements the major stipulates, receive necessary research guidance from multiple faculty members, and pass a master's thesis review and final examination (DPA, DPB, DPC). Students who complete the program earn a master's degree (human-centered engineering, engineering, or Master of Arts and Science).

Policy for the Granting of Doctor's Degrees

Division of Comparative Studies of Societies and Cultures Diploma Policy

1. The Division of Comparative Studies of Societies and Cultures develops advanced researchers and professionals who promote interdisciplinary and international research based on a mutual understanding of multiculturalism. They have the ability to understand human behavior and societal views as well as reconsider cultural structures in response to the state of humans, society and culture, in addition to the associated cross-disciplinary perspectives. The division therefore consists of four areas (Japanese Studies in a Global Perspective; Language, Literature, and Culture; Comparative Social Studies; and Arts and Representational Studies), which were reorganized from the nine courses in the master's program.
2. Students must acquire the abilities and knowledge necessary to conduct independent activities as a researcher and/or engage in highly specialized work (DPA, DPB), as well as the ability to conduct their own research with a cross-disciplinary perspective, maintain high ethical standards, and exhibit a strong sense of responsibility (DPC).
3. The requirements for program completion are to earn the stipulated credits, receive research guidance in accordance with the division's educational philosophy and goals, and give an oral presentation of research findings at a conference or the like that includes a review. They also must

present peer-reviewed papers at or above the standard the division determines, and pass the doctoral dissertation review and final examination during the enrollment period. Students who complete the program earn a doctoral degree (liberal arts and humanities, social science, human life and environmental sciences, or PhD).

(1) Department of Japanese Studies in a Global Perspective

Students must acquire the abilities and scholarly knowledge that are required to advance Japanese studies from an international perspective and communicate Japanese studies that are highly specialized as well as deeply interdisciplinary and comprehensive.

(2) Department of Language, Literature, and Culture

Students steadily acquire a solid foundation in academic research, focusing on the humanities and linguistic sciences, as well as internationally viable abilities to identify and solve problems, process information, and communicate.

(3) Department of Comparative Social Studies

Students acquire a high degree of specialization focused on a specific field, and the abilities and scholarly knowledge required to communicate cross-comparative research that is deeply interdisciplinary and comprehensive.

(4) Department of Arts and Representational Studies

Students acquire the ability and scholarly knowledge needed to conduct specialized and cross-disciplinary research in cultural representation and expression and to recommend critical art theory to society as a medium for human understanding and international cooperation.

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Division of Human Developmental Sciences Diploma Policy

1. The Division of Human Developmental Sciences develops female researchers and other talent who have acquired research skills to solve various problems related to high social needs in the field of human development, as well as the skills to become leading and highly specialized professionals. The division therefore consists of five departments: Educational Sciences; Psychology; Developmental and Clinical Psychology; Sociology and Social Policies; and Child Studies.
2. Students must acquire the abilities and knowledge necessary to conduct independent activities as a researcher and/or engage in highly specialized work (DPA, DPB), as well as the ability to conduct their own research with a cross-disciplinary perspective, high ethical standards, and a strong sense of responsibility (DPC).
3. The requirements for program completion are to earn the stipulated credits, receive research guidance in accordance with the division's educational philosophy and goals, and give an oral presentation of research findings at a conference or the like that includes a review. They also must present peer-reviewed papers at or above the standard the division determines, and pass the doctoral dissertation review and final examination during the enrollment period. Students who complete the program earn a doctoral degree (liberal arts and humanities, social science, human life and environmental sciences, or Doctor of Arts and Science).

(1) Department of Educational Sciences

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

(2) Department of Psychology

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

(3) Department of Developmental and Clinical Psychology

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

(4) Department of Sociology and Social Policies

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

(5) Department of Child Studies

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

Division of Interdisciplinary Gender Studies Diploma Policy

(1) Department of Gender Studies

1. The department develops advanced researchers and professionals who pursue interdisciplinary and international research on various human and social issues from a gender perspective and beyond conventional academic fields.
2. Students must acquire the abilities and knowledge necessary to conduct independent activities as a researcher and/or engage in highly specialized work (DPA, DPB), as well as the ability to conduct their own research with a cross-disciplinary perspective, maintain high ethical standards, and exhibit a strong sense of responsibility (DPC).
3. The requirements for program completion are to earn the stipulated credits, receive research guidance in accordance with the division's educational philosophy and goals, and give an oral presentation of research findings at a conference or the like that includes a review. They also must present peer-reviewed papers at or above the standard the division determines, and pass the doctoral dissertation review and final examination during the enrollment period. Students who complete the program earn a doctoral degree (liberal arts and humanities, social science, human life and environmental sciences, or Doctor of Arts and Science).

Division of Life Sciences Diploma Policy

1. The requirements for program completion are to earn the stipulated credits, receive research guidance in accordance with the educational philosophy and goals of the Graduate School of Humanities and Sciences, and pass the doctoral dissertation review and final examination within the standard period of study.
2. The criteria for program completion are to acquire the abilities necessary for advanced, specialized research and/or interdisciplinary comprehensive research (DPA) and the abilities and knowledge necessary to conduct independent activities as a researcher and/or to engage in highly specialized work (DPB).
3. Students must acquire cross-disciplinary and comprehensive abilities to apply the research results in society and contribute to society from a global perspective (DPC).

(1) Department of Biological Sciences

The requirements for program completion are to earn advanced and systematic knowledge in a specialized field of life science, and the ability to contribute to the development of that field as an independent researcher and/or the ability to use and apply their knowledge in various fields, conduct original research in that field, compile a doctoral dissertation of research results under the guidance of multiple advisors, and pass a dissertation review.

(2) Department of Food and Nutritional Sciences

- (a) Acquire the abilities necessary for high-level specialized research and interdisciplinary, comprehensive research in the food and nutritional sciences, and the knowledge and abilities necessary to conduct research activities independently as a

researcher or to engage in a highly specialized profession.

(b) Take the courses that were established in accordance with the departmental curriculum policy, earn the stipulated credits, write a doctoral dissertation under the direction of multiple advisors, and pass a dissertation review.

(3) Department of Genetic Counseling

Students must acquire the applied skills in genetic counseling required of reflective practitioners and leaders in genetic counseling, as well as the necessary abilities to lead in education and research in genetic counseling (DPA). Students who attain competence in research and education in these areas of genetic counseling (DPB), write a dissertation in the area of genetic counseling or clinical genetics, and pass a final examination (DPC) receive a doctoral degree (PhD).

Division of Advanced Sciences Diploma Policy

1. The Division of Advanced Sciences develops independent researchers, engineers and advanced professionals with advanced, systematic knowledge in various fields of natural science and the ability to contribute to the development of these fields and interdisciplinary fields. The division therefore consists of four departments: Mathematics, Physics, Chemistry and Biochemistry, and Computer Science.
2. Students must acquire the abilities and knowledge necessary to conduct independent activities as a researcher and/or engage in highly specialized work (DPA, DPB), as well as the ability to conduct their own research with a cross-disciplinary perspective, high ethical standards, and a strong sense of responsibility (DPC).
3. The requirements for program completion are to earn the stipulated credits, receive research guidance in accordance with the educational philosophy and goals of the division, present research findings at conferences or in academic journals (must present at least the standard number of times as set by the relevant department), and pass the doctoral dissertation review and final examination during the enrollment period. Students who complete the program earn a doctoral degree (science, Doctor of Arts and Science, Global Leader in Science, Global Leader in Engineering, and Global Leader in Academics).

(1) Department of Mathematics

The requirements for program completion are to acquire advanced, systematic knowledge in a specialized field of mathematics and the ability to contribute to the development of that field as an independent researcher, and/or the ability to use and apply mathematics in various fields, conduct original research in that specialized field, compile and submit a doctoral dissertation, and pass a dissertation review.

(2) Department of Physics

The requirements for program completion are to acquire advanced, systematic knowledge in a specialized field of physics and the ability to contribute to the development of that field, and/or the ability to use and apply physics in various fields, conduct original and specialized advanced research, compile the research results in a doctoral dissertation (which should be at a high level suitable for submission to an international peer-reviewed academic journal), submit the dissertation, and pass a final dissertation review.

(3) Department of Chemistry and Biochemistry

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

(4) Department of Computer Science

The requirements for program completion are to acquire advanced, systematic knowledge in a specialized field of computer science and the ability to contribute to the development of that field as an independent researcher, and/or the ability to use and apply computer science in various fields, conduct

original research in the computer science field, compile and submit a doctoral dissertation, and pass a dissertation review.

Division of Cooperative Major in Human Centered Engineering Diploma Policy

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

Individuals who complete the doctoral program are required to have the ambition and ability to spread broadly the new field of human-centered engineering in contemporary society. In other words, to solve issues related to daily living, they must understand deeply the importance of fusing the perspective of consumers rooted in daily living with engineering technology, and have the ability to establish issues related to specific problems, the ability to implement resolution measures with a high degree of novelty, and the ability to present those measures. (DPA, DPB, DPC)

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

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