

## **Curriculum Policy of the Faculty of Human Development**

1. The Faculty of Human Development aims at education and research on various aspects of human development from infancy to old age and its environment. To achieve the goal, we set up 4 departments and 15 divisions (including the Division of Human & Community Development Support to which students of all the 4 departments can move up). Each student belongs to one of the divisions and studies in small classes.

2. Expertise on the human development and the environment can be attained through the intensive trainings in individual disciplines and transdisciplinary trainings. Therefore, we prepare a systematic curriculum to connect organically the general basic knowledge for individual category of problems and the expertise by setting up common subjects for the faculty and common subjects in each department.

3. Keys to solve the problems related to human development and the environment in modern society can be found through collaborative efforts to deepen understanding of the problems on the basis of methodology of the established disciplines. To develop such problem-solving ability of the students, we provide opportunities for them to attain basic methodology, techniques and skills in each discipline and educational activities including interactive sessions between teachers and students. We also provide intensive instruction system for the graduation research.

4. We will bring up individuals with high expertise and problem-solving ability by designing and implementing the curriculum based on the policy described above.

## **Curriculum Policy of the Department of Human Development and Education**

1. In order to achieve the goal of this faculty, which conducts educational research from social and cultural perspectives on various factors pertaining to the human development from birth to old age, students will be assigned the following courses: Developmental Psychology, Child Development, Educational Science, and Elementary Education. We offer curricula that allow students to systematically gain in-depth knowledge of specialized areas while valuing the small-group instruction method that utilizes the characteristics of each faculty member.

2. In order to allow students to acquire overall knowledge on human development and education across multiple specialized areas, all students will take the fundamental subjects related to Developmental Psychology, Child Development, Educational Science, and Elementary Education. These fundamental subjects are closely related to the common subjects to all departments and facilities. Through these approaches, we aim to equip students with an interdisciplinary consciousness about issues and approaches, and enable them to acquire specialized knowledge by organically linking various disciplines related to human development and education.

3. In order to cultivate skills for solving various issues related to human development and education, in-depth and systematic curricula will be prepared so that students can learn survey methods and research methods in each specialized area and proceed smoothly from the fundamental stage to the practical and advanced stage. In consideration of the importance of cooperative activities in academic learning, educational activities based on teacher-student dialogue and student-student dialogue as well as a devoted instruction system for graduation research will be implemented along with these courses.

4. By establishing and implementing the curricula outlined above, we hope to foster autonomous individuals with problem-solving skills and with specialized knowledge on mental development, development of various skills, and socio-cultural factors pertaining to human development and education.

### **Curriculum Policy of the Department of Human Development**

1. The curriculum policy of the department of Human Development is an integrative model that builds upon a foundation of natural sciences, social sciences, and the humanities. The unique curricular approach aims to help students acquire the multi-disciplinary knowledge based on a systematic selection of relevant scientific disciplines as well as the more specialized, in-depth understanding and skills concerning human behavior and development. The department boasts three independent courses, and each student is to study about one's interest in one of the three: the Health Development Course, the Behavioral Development Course, and the Sport Sciences Course. All the courses maintain small size classes with manageable student-to-professor ratios, and the one-on-one interaction with the department professors is attractive and strategic features of the curriculums.

2. As modern human behavior is increasingly complex and socially evolved, it has become indispensable not only to deepen our highly specialized knowledge on fundamental sciences but also to cultivate and pursue a more encompassing approach in order to study the science of human behavior. Toward that end, the Department of Human Development has established a select number of common subjects available to all students in the department in order to foster interdisciplinary understanding of human behavior. In addition, the development prepares open, multi-disciplinary curricula under which all of the courses from one course are made available to students majoring in other courses, the purpose of which is to integrate a pursuit of highly specialized knowledge specific to each coursework with the more interdisciplinary endeavor.

3. The contemporary issues and problems facing on human behavior can be more effectively addressed by combining the mastery of basic academic knowledge with the ability to apply such knowledge toward practical solutions for the problems. To nurture and gauge the mastery of such knowledge and problem-solving abilities in each and every student, all three courses offered by the department have established a number of specific academic goals and the curriculum policy that emphasizes research and practical application of academic knowledge.

4. Moreover, the department offers students rich educational opportunities based on active interaction with the professors and with fellow students and the well-established system of graduation thesis supervision and instruction. All such features of the department are aimed at nurturing persons of self-determination equipped with higher specialized knowledge and practical skills in the study of human behavior.

### **Curriculum Policy of the Department of Human Expression**

1. In our department, each student is assigned to either Expressive Creation Course, Culture Expression Course, or Clinical and Emotional Expression Course, and is educated in a small number of people. This is to study various ways of thinking and methodologies to approach issues related to human expression.

2. We cultivate students who acquire professional knowledge and technique in their individual field such as music, plastic art, and performing arts, and who are able to apply them to their studies, creative activities, and social practice.

At the 1st year of the curriculum, a series of the Department-Common Subjects that includes introductory classes of three courses, are configured to let students acquire the knowledge that should be a base of each study.

From the second year, students in each course are expected to know and learn professional domain. Department-Common Subjects in wide range are provided. We also adopt classes that belong to other departments or courses, to the curriculum of our courses. This is for students to cultivate their various and flexible point of view.

3. Students who are assigned to each seminar from their 3rd year, are directed to the preparation for the graduation thesis.

As the field of study on the human expression is so wide and has a great diversity of studying methods, a Department-Common Subject titled 'Human Development and Expression' is located as a class in common to all members of our department to develop their problem solving ability and to facilitate mutual understanding of studies.

4. Based on the above points of view and on the curriculum structure, we facilitate individual learning while cultivate talented autonomous persons who are endowed with professional knowledge and problem solving ability.

### **Curriculum Policy of the Department of the Human Environmental Science**

1. The objective of Human Environment Department is to enable students to develop individuals with an ability to examine human environmental issues from a variety of perspectives, through an integrated study of academic fields beyond the framework of the sciences and humanities. Students in the first grade are expected to acquire a wide range of basic knowledge related to the human environment. In the second year, they are divided into four specialized courses – Natural Environmental Science, Mathematics and Informatics, Living Environment, and Social Environment. Within a framework of small number education, students in the third and last grade seek to further deepen specialized study and integrate various perspectives on the human environment. In the 4<sup>th</sup> year students are also engaged in completing graduation thesis under the guidance of a supervisor.

2. Students are expected to develop their perspectives on the human environment within a framework of the step by step education program. The first grade program provides students with basic knowledge pertaining to the department and the four special courses. Subsequently, students in the second grade not only acquire

specialized knowledge in line with individual course's program but also develop practical methods in relation to research on the human environment. Third grade students have opportunities to further deepen specialized study while integrating a variety of knowledge in approaching human environmental issues. This leads to the last grade program in which students place importance on completing their graduation thesis.

3. Along with the comprehensive and step-by-step education program, students are expected to develop new perspectives on human environmental issues. Because the field of investigating the human environment is relatively new, students are required to be engaged in spontaneous, intellectual, and creative study and this produces power to cope with questions related to the human environment both academically and practically.

### **Curriculum Policy of Division of Support for Human and Community Development**

1. The division aims to train up contemporary generalists who truly understand the importance of and actively try the realization of overarching relationships brought about by the collaboration among diverse social sectors such as NPOs, NGOs, corporations, and administrations as well as by the interdisciplinary research activities through participating in action research, i.e. various practical studies offered by the five sections attached to Action Research Center for Human and Community Development. The sections are as follows: Support of Research and Learning for Gender Equality, Support for Child and Family, Support for Adult Education/Learning, Support for Inclusive Society and Support for Volunteer Society.

2. Sophomores from any department in the faculty can enter this division as the third graders after having fulfilled a certain requirement for the transfer admission. Based on the basic knowledge acquired in the first two years, the students in this division learn to obtain theories and practical provisions for resolving all sorts of social problems they themselves discover through experiencing the realities in the fields mainly concerning the five sections stated above.

3. More specifically, each student in this division needs to get at least four credits, i.e. two seminars among all the divisionally recommended ones. These seminars give the students appropriate opportunities to acquire principles and methods for various support initiatives, identifying the differences in contents or techniques among them.

Besides such fieldwork, the division supervisors also support the students' independent learning by providing relevant literature, promoting discussions, and enhancing workshops with reflection sessions.

4. Most distinguished feature of the division lies in the fact that all the seminars and lectures in the faculty are available to the division students, minimizing the division requirements, in order for them to make the most of the academic resource in this faculty. The students select seminars and/or lectures suitable for their own research questions among various alternatives, having talks with the supervisors within and/or outside the division. In such circumstances, that is to say, interdisciplinary and practice-focused community, the students accomplish their graduation thesis based on the general cycle of action research like "hypothesis generation → practice → generation → practice → reflection → discovery of new findings and creation of improved practice."

☆Subjects offered by the division

For the 2<sup>nd</sup> graders/ In the latter term

Studies on Development Support

For the 3<sup>rd</sup> Graders/ In the former term

Seminar on Development Support; Child and Family Support

Seminar on Development Support; Adult Education and Learning

Seminar on Development Support; Gender Equality and Education

Seminar on Development Support; Inclusive Society

Seminar on Development Support; Voluntarism and Socio-Education

For the 3<sup>rd</sup> Graders/ In the latter term

Research Methods of Development Support

For the 4<sup>th</sup> Graders

Graduation Thesis

Curriculum Map of the Department of Human Behavior, the Faculty of Human Development

Learning Goal			1st year		2nd year		3rd year		4th year	
			1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester
Fundamental discipline	Fundamental subjects for bringing out interests and problem awareness to human development and environments	Introduction to human development and environments								
	Fundamental subjects concerning human development and education	Introduction to Psychology Studies on Child Development Introduction to Education	Introduction to Developmental Psychology Studies on Childhood Education		Studies on Moral Education					
Specialized and encompassing discipline	Specialized subjects for deepening scientific interests concerning the developmental understanding of human development and education	Cross Cultural Education	Educational Psychology Clinical Psychology	Child Psychology Psychology of Developmental Disabilities 1 Clinical Developmental Disabilities 1 Psychology of Consultation	Early Childhood Development Adolescent Psychology Child and Adolescent Psychiatry Cognitive Development	Counseling Psychology Advanced Studies on Human Development and Education	Studies on Mental Health in Early Childhood			
	Specialized subjects for deepening scientific interests concerning the sociocultural perspective of human development and education	Introduction to Lifelong Learning	Introduction to Educational Debate On teaching Profession	Elementary Mathematics Education Seminar in Development of Musical Performance Artistic Expression and Human Activities Studies on Child Language Education	Elementary Physical Education Social Studies Education in Primary School Seminar on Development Support View of Educational System	Historical anthropology of Education Information Society and Education	Technologicalized Society and Education			
Specialized discipline for Developmental psychology	Specialized subjects concerning developmental psychology			Research Methods of Psychology 1 Reading of Foreign Books Statistical Methods of Psychology	Research Methods of Psychology 1 Statistical Methods of Psychology					
	Specialized subjects concerning clinical psychology and psychology of disabled children			Reading of Foreign Books	Psychological Testing 1	Psychological Testing 2	Psychological Testing 3			
Specialized discipline for Child development	Specialized subjects concerning the development and education of the bodies and minds of children			Development of Children Children's Minds and Education Physical Fitness for Children Development of Interpersonal Relationship	Children's Understanding Support for Child Development					
	Specialized subjects concerning the environment and culture surrounding children			Children's Artistic Expression	Children and Life Education for Children's Artistic Expression Children and Media Educational System	Studies on Child Welfare Studies on Children and Society				
Specialized discipline for Educational science	Specialized subjects concerning the theoretical exploration of education			History of Japanese Education Educational Policy Theory and Method in Teaching and Curriculum Philosophy of Education	History of Thinking System of Education Educational System	Education Law History of Teacher Education	Educational Administration			
	Specialized subjects concerning the practical development of education			Studies on Teaching and Learning Curriculum Research and Development Adult and Community Education Study on Organization and Management of Classroom System Children's Artistic Expression	Studies on Science Education Planning of Adult and Community Education	Method of Life Environmental Education Method of Social Studies Education Study on Teaching and Learning Foreign Languages Teaching Methods of Children's Art Activities	Studies on Child Art Activities Study on Teaching and Learning Foreign Languages			
Specialized discipline for Elementary education	Specialized subjects concerning the principles of school education			Educational Policy Theory and Method in Teaching and Curriculum Philosophy of Education Studies on Special Support Education	History of Thinking System of Education Introduction to Theory and Methods of Learning Psychology of Developmental Disabilities 2	Education Law History of Teacher Education	Educational Administration			
	Specialized subjects concerning the practices of school education			Studies on Teaching and Learning Curriculum Research and Development Study on Organization and Management of Classroom System Elementary Science Study	Clinical Developmental Disabilities 2 Children with Developmental Disorders Teaching Methods of Children's Art Activities	Method of Life Environmental Education Method of Social Studies Education Study on Teaching and Learning Foreign Languages Issues in Early Childhood Curriculum	Introduction to Home Economics Theory and Method in Home Economics Education Studies on Special Support Education Studies on Children's Literature			
Discipline for problem-solving abilities on Developmental psychology	Subjects for improving ability to utilize knowledge of developmental psychology to understand the mind and behavior, and provide developmental support			Development of Interpersonal Relationship	Educational and Developmental Psychology Studies on Science Education	Life-Span Developmental Psychology Personality Development Studies on Children and Society				
	Subjects for improving ability to utilize knowledge of clinical psychology/the psychology of disabled children to understand the disabilities/pathologies of the mind and behavior, and provide support				Depth Psychology Children with Developmental Disorders Psychology of Developmental Disabilities 2  Clinical Developmental Disabilities 2		Theory and Teaching Methods of Child with Disabilities			
	Subjects for improving ability to comprehensively solve problems related to developmental psychology					Research Methods of Psychology 2 Seminar of Developmental Psychology A  Seminar of Developmental Psychology B	Research Methods of Psychology 2 Seminar of Developmental Psychology C  Seminar of Mental Retardation's Psychology, Physiology and Pathology	Graduation Thesis Research Methods of Psychology 3 Research Methods of Psychology 3		

Problems solving abilities	Discipline for problem-solving abilities on Child development	Subjects for improving ability to utilize knowledge of the physical and mental development of children to solve problems faced by them				Studies on Young Children's Cognitive Development Studies on Children's Sports  Health and Behavioral Sciences	Studies on Development of Mathematical Cognition			
		Subjects for improving ability to utilize knowledge of the environment and culture surrounding children to resolve problems faced by them				Study on Teaching and Learning Foreign Languages	Pedagogical Reflexion about Art Education	Studies on Children's Music Studies on Child Art Activities Studies on Children's Literature		
		Subjects for improving ability to comprehensively solve problems of child development			Statistical Methods of Psychology		Seminar in Child Development 1	Reading of Foreign Books 2Seminar in Child Development 2	Research Methods of Child Development 1	Graduation Thesis Research Methods of Child Development 2
	Discipline for problem-solving abilities on Educational science	Subjects for improving ability to utilize knowledge of the principles of education to investigate the essence of education			Research Methods of Education 1 Research Methods of Education 3	Research Methods of Education 2 Research Methods of Education 4		Reading of Foreign Books		
		Subjects for improving ability to utilize the practices of education to investigate contemporary issues			Research Methods of Education 5 Research Methods of Education 7	Research Methods of Education 6 Research Methods of Education 8				
		Subjects for improving ability to comprehensively solve problems of educational sciences					Seminar of Educational Science 1	Seminar of Educational Science 2	Research of Educational Science 1	Graduation Thesis Research of Educational Science 2
	Discipline for problem-solving abilities on Elementary education	Subjects for improving ability to utilize and implement knowledge of the principles and practices of school education			Teaching Methods of Early Childhood Environment  Theory and Method in Musical Performance Education Theory and Practice of Life Environment Studies	Teaching Methods of Early Childhood Human Relationships Teaching Methods of Early Childhood Language  Studies on Teaching Japanese Language Theory and Method in Art Education Study on Management of Extraclass Activities	Teaching Methods of Early Childhood Music Expression Teaching Methods of Early Childhood Health Teaching Methods of Early Childhood Art Expression Theory and Method in Motor Education Theory and Method in Elementary Mathematics Education Theory and Methods of Child with Visual Impairment	Theory and Teaching Methods of Child with Disabilities Teaching Methods of Early Childhood Health  Theory and Method in Science Education Teaching Methods of Children's Art Activities		
		Subjects for improving ability to comprehensively solve problems of school education					Seminar of Educational Science 1 Seminar in Child Development 1	Research Methods of School Education Seminar of Educational Science 2 Seminar in Child Development 2	Research of Educational Science 1 Research Methods of Child Development 1	Graduation Thesis 2Research of Educational Science 2 Seminar in Child Development 2
	Subjects for acquiring abilities of solving contemporary problems concerning human and environment	Fundamental studies of ESD	Theory of ESD				Seminar of ESD I (Environmental development studies)	Seminar of ESD II (Environmental development studies)	Practical Studies of ESD	



Curriculum Map of the Department of Human Behavior, the Faculty of Human Development

Learning Goal		1st year		2nd year		3rd year		4th year	
		1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester
Specialized Knowledge	Fundamental discipline	Fundamental subjects for triggering our interests and problem awareness to human development and	Introduction to human development and environments						
		Fundamental subjects concerning human behavior	Introduction of Health Development Introduction to Behavioral Development Studies Introduction to Physical Activity Sciences	Human Biomechanism Aging Kinesiology Fundamentals of Exercise Physiology Biomechanics					
	Specialized and encompassing discipline	Specialized subjects for deepening scientific interests concerning human behavior		Health Education Public Health Approach to Social Research Lifelong Sport	Studies on Development Support	Development of Human Voluntary Movement Special Lecture in human Behavior A Special Lecture in human Behavior B			
	Specialized discipline for health development	Specialized subjects concerning contemporary health problems Advanced subjects concerning health promotion		Stress Physiology Environmental Design for Clothing 1 Safety Behavior and Management International Health Development Science	Preventive Medicine Nutritional Science	Health and Behavioral Sciences		Health Politics Ecological Health Education	
	Specialized discipline for behavioral development	Specialized subjects concerning adaptation on human behavior Specialized subjects concerning human development and aging		Behavioral Adaptation Studies Exercise Testing and Prescription Stress Physiology Aging Studies	Physical Adaptation to Environment and Exercise Exercise and Sport Psychology Control System of Human Voluntary Movement Nutritional Science Health Promotion Clinical Psychology Sport Promotion Preventive Medicine Early Childhood Development	Health and Behavioral Sciences	Health Politics		
Specialized discipline for Sport Sciences	Specialized subjects concerning natural sciences on human behavior Specialized subjects concerning social sciences and humanities on human behavior		Technique of Sports Performance Exercise Testing and Prescription Stress Physiology Sociology of Sport	Physical Fitness Sciences Physical Adaptation to Environment and Exercise Control System of Human Voluntary Movement Sports Medicine History of Physical Education and Sport Health Promotion Exercise and Sport Psychology	Physical Fitness Education for Children Sports Management Health and Behavioral Sciences				
Problem-solving abilities	Discipline for problem-solving abilities on health development	Subjects for improving research abilities concerning health development Subjects for improving abilities of practical application based on health sciences		Health Statistics Emergency Medicine Development of Interpersonal Relationship Ecology for Human Life Environment 1		Health Evaluation Applied Statistics A Counseling Psychology	Research Method of Health Development Studies	Seminar in Health and Behavioral Sciences 1 Seminar in Health and Welfare 1 Seminar in Health Politics 1 Seminar in Ecological Health Education 1 Seminar in Health Promotion 1	Graduation Thesis
	Discipline for problem-solving abilities on behavioral development	Subjects for acquiring scientific research abilities concerning behavioral development Subjects for promoting abilities of practical application based on behavioral sciences Subjects for acquiring abilities of practical application for solving problems on behavioral development		Research Method of Behavioral Development Studies		Advance Course of Social Behavior Studies 1 Advance Course of Aging Kinesiology 1 Advance Course of Physical Adaptation of Environment and Exercise 1 Advance Course of Active Aging Studies 1 Advance Course of Behavioral Adaptation Studies 1			Graduation Thesis
							Advance Course of Social Behavior Studies 2 Advance Course of Aging Kinesiology 2 Advance Course of Physical Adaptation of Environment and Exercise 2 Advance Course of Active Aging Studies 2 Advance Course of Behavioral Adaptation Studies 2		
								Advanced Course of Behavioral Development Studies 1	Advanced Course of Behavioral Development Studies 2
	Discipline for problem-solving abilities on human behavior	Subjects for enhancing physical activity and management abilities based on sport sciences Subjects for acquiring scientific research abilities concerning physical activities		Track & Field Swimming & Marine Sports Outdoor Sports and Recreation		Judo Dance Gymnastics Experiment of Exercise Physiology Research Methods of History of Physical Education and Sport Research Methods in Sociology of Sport Research Methods of Exercise and Sport Psychology	Basketball Experiment of Biomechanics Seminar on History of Physical education and Sport Seminar for Sociology of Sport Seminar on Exercise and Sport Psychology Seminar in Technique of Sports Performance Seminar on Control System of Human Voluntary Movement Seminar in Exercise Testing and Prescription Seminar in Health and Physical Fitness Sciences Seminar in Sports Medicine Seminar on Stress Physiology		Graduation Thesis
Subjects for acquiring abilities of solving contemporary problems concerning human and environment		Fundamental studies of ESD	Theory of ESD			Seminar of ESD I (Environmental development studies)	Seminar of ESD II (Environmental development studies)	Practical Studies of ESD	

Curriculum Map of the Department of Human Expression, the Faculty of Human Development

Learning Goal		1st year		2nd year		3rd year		4th year		
		1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	
Specialized Knowledge	Fundamental discipline	Fundamental subjects for bringing out interests and problem awareness to human development and environments	Introduction to human development and environments							
		Fundamental subjects concerning Human Expression	Introduction to Expression-Culture	Introduction to Expression-Creation Introduction to Therapy-Kansei-Expression Studies						
	Specialized and encompassing discipline	Specialized subjects for deepening scientific interests concerning Art and Culture	Music Theory 1 Subcultural Studies	Music Theory 2	Architecture and Urban Culture Studies on Visual Communication Body Culture	Design History 1 Fashion Culture 1 Representation of Space	Politics of Expression The History and Theory of Performing Arts	Theory of Media		
		Specialized subjects for deepening scientific interests concerning the practice of Art and Culture	Idia and Process of Creation	Expression in the Forefront A	Introduction to Vocal Expression Studies on Body Expression Children's Artistic Expression	Chorus Expression				
		Specialized subjects for deepening scientific interests concerning the facilitation of Art and Culture	Introduction to Psychology Introduction to Lifelong Learning	Play and Art	Community Music	Seminar on Development Support	Thinking on Workshop in Expressive Arts	Art Management		
	Specialized discipline for Expressive Culture	Specialized subjects concerning the history of human expression			A Survey of Western Music Culture Group Performance of Music Music Theory 3	Theory of Sculpture Music Theory 4	Design History 2 Theory of Image Fashion Culture 2			
		Specialized subjects concerning the relation between human expression and society		Approach to Social Research			Music Therapy Introduction to Kansei psychology Studies on Dance Therapy			
	Specialized discipline for Expression—Creation	Specialized subjects concerning music and practice of music			Introduction to Piano Playing Music Theory 3 Group Performance of Music Studies on Creative Dance Vocal Expression 1	Music Theory 4			Seminar in Media and Image	
		Specialized subjects concerning fine arts and practice of fine arts				Theory of Sculpture Theory of Pictorial Expression				
	Specialized discipline for Clinical KANSEI-Expression	Specialized subjects concerning the clinical research and community based research			Studies on Creative Dance A Survey of Western Music Culture Introduction to Piano Playing	Studies on Arts Therapy	Studies on Arts Therapy Studies on Dance Therapy	Music Improvisation		
Specialized subjects concerning the sensorial expression					Psychology for Human Life Environment	Introduction to Kansei psychology Theory of Image Fashion Culture 2	Depth Psychology			
Problem-solving abilities	Discipline for problem-solving abilities on Expressive Culture	Subjects for improving ability to learn, to understand, and to interpret the history of human expression				Topics in Western Music Culture	Seminar in Urbanism and Architecture of the 20th	Seminar in Design History	Seminar in Fashion Culture	
		Subjects for improving ability to learn the relation between human expression and society, and to make the expression effective in the society					Measuring Kansei		Seminar in Media and Image	
		Subjects for improving problem-solve-ability with comprehensive awareness on expressive culture						Human Development and Expression	Graduation Thesis	
	Discipline for problem-solving abilities on Expression—Creation	Subjects for improving ability to analyze and investigate the contents of music, utilizing the knowledge of art, and to express in a concrete form				Piano Playing 1 Seminar in Creative Dance Vocal Expression 2	Piano Playing 2 Music Theory 5 Ensemble Expression	Chamber Music Music Theory 6		
		Subjects for improving ability to analyze and investigate the contents of fine art, utilizing the knowledge of art, and to express in a concrete form			Sculpture Painting Expression Expression in the Forefront B		Eurythmics			
		Subjects for improving problem-solve-ability with comprehensive awareness on expressive creation				Creative Expression 1 Project Designing	Creative Expression 2 Administration	Creative Expression 3 Production Creative Expression 4 Total Performance Human Development and Expression	Graduation Thesis	
	Discipline for problem-solving abilities on Clinical KANSEI-Expression	Subjects for improving skills to analyze and describe the expressive method, utilizing the knowledge of clinicalness and community				Seminar in Creative Dance	Eurythmics Ensemble Expression Expression in the Forefront B	Seminar in Dance Therapy		
		Subjects for improving skills to analyze and investigate from the sensorial psychological point of view, utilizing the knowledge of sensorial expression		Approach to Social Research	Statistical Methods of Psychology		Measuring Kansei			
		Subjects for improving problem-solve-ability with comprehensive awareness on clinicalness and sensorial expression						Human Development and Expression	Graduation Thesis	
	Subjects for acquiring abilities of solving contemporary problems concerning human and environment		Fundamental studies of ESD	Theory of ESD			Seminar of ESD I (Environmental development studies)	Seminar of ESD II (Environmental development studies)	Practical Studies of ESD	

Curriculum Map of the Department of Human Environmental Science, the Faculty of Human Development

Learning Goal		1st year		2nd year		3rd year		4th year	
		1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester
Fundamental discipline	Fundamental subjects for bringing out interests and problem awareness to human development and environments	Introduction to human development and environments							
	Fundamental subjects concerning Human Environmental Science	Introduction to Human Environmental Science	Introduction to Natural Environment Sciences Introduction to Mathematics and Informatics Introduction to Human Life Environment Introduction to Social Environment						
	Fundamental and specialized subjects concerning Human Environmental Science	Physics B1 Physics C1 Fundamentals of Inorganic Chemistry Biology I Fundamentals of Earth Science Linear Algebra 1 Introduction to Linear Algebra Calculus 1 Economics Political Science Ethics	Physics B2 Physics C2 Physics C3 Fundamentals of Organic Chemistry Biology II Biology III Linear Algebra 2 Introduction to Calculus Calculus 2 Jurisprudence Sociology	Physics B3 Physics C4 Experiment of Physics Mathematical Statistics History of Foreign Countries		Human Geography History of Japan			
Specialized and encompassing discipline	Practical and specialized subjects concerning Human Environmental Science	Introduction to human development and environments		Introduction to statistics	Introduction to Environmental Modeling	An Environmental Support for Development of the Elderly	Studies on the Ecology		
Specialized Knowledge	Specialized discipline for natural environment			Modern Materials Science Fundamentals of mathematical methods	Modern Physical Chemistry A Modern Life Science A Plant Diversity History of the Universe Fundamentals of mathematical analysis Fundamentals of mathematical statistics	Modern Physical Chemistry B Chemical Reaction Theory Inorganic Chemistry Modern Life Science B Environmental Genetics Geophysical Fluid Dynamics Introduction to the Philosophy of Science Applied Mathematical Analysis A Applied Mathematical Analysis B Applied Statistics A Applied Statistics B	Quantum Physics Quantum Chemistry Analytical Chemistry Environmental Organic Chemistry Bioorganic Chemistry Systemic Molecular Biology Animal Behavior and Ecology Elementary Particle Physics Studies in information environment A Studies in information environment B Studies in information environment C	Applied Mathematical Analysis A Applied Mathematical Analysis B Applied Statistics A Applied Statistics B	
	Specialized subjects concerning environmental science			Introduction to Natural Environment Environmental Earth Science A Atmospheric Environmental Science Special Lecture on Environmental Sciences A Plant Environment 1	Environmental Measurements A Environmental Earth Science B Special Lecture on Environmental Sciences B Plant Environment 2 Plant Usage for Improving Human Life Environment 1	Environmental Measurements B Environmental Plant Ecology History of Earth Environment Special Lecture on Earth Environment Physics of the Space Environment Environment Economics Public Health Plant Usage for Improving Human Life Environment 2	Environmental Physics Biological Aspect of Environmental Sciences Physical Adaptation to Environment and Exercise		
Specialized Knowledge	Specialized discipline for mathematical and information environment			Fundamentals of mathematical methods Principles of computer science A Principles of computer science B	Fundamentals of geometry Fundamentals of mathematical analysis Fundamentals of algebra Fundamentals of mathematical statistics	Applied algebra Principles of mathematical proof writing Computational Mathematics Applied Mathematical Analysis A Applied Mathematical Analysis B Applied Geometry A Applied Geometry B Applied Statistics A Applied Statistics B Applied Statistics C Mathematical analysis III	Algebra II Geometry III Probability theory I	Applied Mathematical Analysis A Applied Mathematical Analysis B Applied Geometry A Applied Geometry B Applied Statistics A Applied Statistics B	
	Specialized subjects concerning theories from areas related to mathematical and information sciences			Electronic Measurement for Human Life Environment 1	Mechanics for Human Life Environment 1 Approach to Social Research	Environment Economics Bioinformatics A Bioinformatics B	Studies on Development of Mathematical Cognition Theory of Media	Bioinformatics A Bioinformatics B	

Specialized discipline for human life environment	Specialized subjects concerning living space			Planning and Design of Urban Space(Part1)	Planning and Design of Urban Space(Part2) Psychology for Human Life Environment Plant Usage for Improving Human Life Environment 1	Plant Usage for Improving Human Life Environment 2			
	Specialized subjects concerning living technology			Clothing Science 1  Electronic Measurement for Human Life Environment 1	Clothing Science 2 Mechanics for Human Life Environment 1 Electronic Measurement for Human Life Environment 2	Electronics and Mechanics for Human Life Energy Equipment for Human Life	Mechanics for Human Life Environment 2		
	Specialized subjects concerning living resource			Dietary Environmental Science 1 Dietary Environmental Science 2 Plant Environment 1 Ecology for Human Life Environment 1	Nutritional Science  Plant Environment 2 Ecology for Human Life Environment 2				
Specialized discipline for social environment	Specialized subjects concerning analysis of issues in social environment			Studies on Socio-Cultural Environment Studies on Social Norms A Studies on Industrial Social Environment A Studies on Social Environment from Regional View A Studies on the International Social Environment A	Studies on Social Norms B Studies on Industrial Social Environment B Studies on Social Environment from Regional View B Studies on the International Social Environment B				
	Specialized subjects concerning the problem-solving in social environment			Labor History Studies on Community Contemporary History of Japanese Society	Intellectual History on the Social Environment Studies on the History of Social Changes Industrial Structure Studies on International Peace Studies on Urban Space Systems	History of Social Policies Studies on Rural Development Studies on Constitutional Order	Studies on Urban Region Studies on Welfare State Fieldwork for Social Environment		
Discipline for problem-solving abilities on natural environment	Subjects for improving ability to consider natural phenomenon and environmental issues through experiment and fieldwork			Biology Laboratory	Earth Science Laboratory  Chemistry Laboratory	Chemistry Laboratory for Environmental Material Science Environmental Earth Science Laboratory Biology Fieldwork	Environmental Physics Laboratory Biology Laboratory for Environmental Science Molecular Biology Laboratory		
	Subjects for improving ability to consider natural phenomenon and environmental issues through literature exploitation, theoretical thinking and mathematical analysis			Introduction to Mathematics for Natural Environment Science Practicals in Information Processing	Numerical analysis for environmental science 1	Numerical analysis for environmental science 2 Bioinformatics A Environmental Geochemistry and Seminar A	Exercise on Environmental Physics Seminar in Modern Material Science Bioinformatics B Environmental Geochemistry and Seminar B Environmental Geology and Seminar 1		
	Subjects for improving ability for a comprehensive grasp and solving of the problems in natural environment	Exercise on Natural Science	Introduction to Scientific Activities and Communication	Integrative Seminar in Environmental Science	Workshop on Research and Communication for Human Environmental Science			Graduation Thesis	
Discipline for problem-solving abilities on mathematical and information environment	Subjects concerning problem solving methodologies from mathematical and information sciences				Mathematical sciences and computing technology		Current topics in mathematics and informatics Studies in information environment A Studies in information environment B Studies in information environment C		
	Subjects concerning problem solving methodologies from areas related to mathematical and information sciences					Laboratory in Human Electronics	Laboratory in Mechanics for Human Life Environment		
	Subjects concerning problem solving experience around mathematical and information environments						Directed studies in mathematical sciences 1 Directed studies in informatics 1	Directed studies in mathematical sciences 2 Directed studies in informatics 2	Graduation Thesis Directed studies in mathematical sciences 3 Directed studies in informatics 3
Problem-solving abilities	Discipline for problem-solving abilities on human life environment	Subjects for improving ability and skill to investigate and create the way of human life environment from the point of living space, such as city, green land and welfare facility				Housing Design			
		Subjects for improving ability and skill to investigate and create technique and its usage in foods, clothing and shelters and the living materials and apparatus for the health and welfare				Laboratory Work in Clothing Environment Laboratory in Human Electronics		Laboratory in Mechanics for Human Life Environment	
	Subjects for improving ability and skill to investigate and create usage, conservation and management of resources for well-human living					Experiment of Dietary Environmental Science Laboratory and Practice in Plant Environment Practical Ecology for Human Life Environment	Practice for Dietary Environmental Science		
	Subjects for improving ability and skill to investigate and solve the problem on human life environment, comprehensively			Method of Environmental Research  Modern Life in Transition	Laboratory Work in Clothing Science	Seminar in Psychology for Human Life Environment Seminar in Computer Motion Analysis Environment Economics	Seminar in Plant Usage for Improving Human Life Environment Seminar in Clothing Environment Seminar in Plant Environment Seminar in Ecology for Human Life Environment	Seminar in Planning and Design of Urban Space   Graduation Thesis	

						Studies on Family Studies of International Development Environment Economics	Studies on the Publicness Studies on Local Governments		
Discipline for problem-solving abilities on social environment	Subjects for improving ability to consider contemporary society with the specialized knowledges about social environment								
	Subjects for improving ability to investigate current social issues with the specialized knowledges about social environment					Seminar on the Publicness A Seminar on the Intellectual History of Social Environment A Seminar on Socio-Cultural Environment A Seminar on Industrial Structure A Seminar on Labor History A Seminar on Urban Region A Seminar on Community A Seminar on International Peace A Seminar on International Development A	Seminar on the Publicness B Seminar on the Intellectual History of Social Environment B Seminar on Socio-Cultural Environment B Seminar on Industrial Structure B Seminar on Labor History B Seminar on Urban Region B Seminar on Community B Seminar on International Peace B Seminar on International Development B		
	Subjects for improving ability for a comprehensive grasp and solving of the problems in social environment								Graduation Thesis
Subjects for acquiring abilities of solving contemporary problems concerning human and environment	Fundamental studies of ESD	Theory of ESD				Seminar of ESD I (Environmental development studies)	Seminar of ESD II (Environmental development studies)	Practical Studies of ESD	