#### Appended Form 1

## Specifications for Major Program

Name of School (Program) [School of Integrated Arts and Sciences (Program of Integrated Arts and Sciences)]

Program name (Japanese)	
(English)	Integrated Arts and Sciences
1. Degree: Bachelor of Art	s and Sciences

#### 2. Outline

The Department of Integrated Arts and Sciences provides an Integrated Arts and Sciences Program with an interdisciplinary approach, synthesis and creativity as its basic principles. To achieve the diploma policy (graduation and degree conferral policy) (explained later), the Program offers an education with the content described in the Curriculum Policy (curriculum formation and implementation policy) section below. The Program is characterized by its continuous and integrated approach to Liberal Arts Education and Specialized Education.

In their first year, along with Liberal Arts Education Subjects, students are required to take Specialized Education subjects: *Invitation to Integrated Arts and Sciences* and *Introduction to Integrated Arts and Sciences*, to foster a basic attitude of inquiry directed at discovering and solving problems based on ways of thinking backed by integrated arts and sciences.

To allow students to study systematically, three educational fields (Human Research Division, Natural Sciences Research Division, and Social Studies Research Division) have been established, in each of which four Courses are provided. The educational fields and Courses are not independent from each other, but are interrelated, forming a Comprehensive Academic Network for Science (see the attached figure).

Students will choose one educational field in their second year, and expand their expertise by focusing on Course subjects within their chosen educational field. By simultaneously taking subjects in other fields, they will acquire interdisciplinary and comprehensive knowledge, methodology and perspective.

Students have a great deal of freedom to select subjects in their chosen Course; they can take subjects focusing more on interdisciplinary and comprehensive ones, or on subjects in their specialized area. Apart from the Courses in the educational fields, there are "Interdisciplinary Subjects," "Specialized Foreign Language Subjects" and "Multidisciplinary Subjects." In Interdisciplinary Subjects, students will learn what kind of interdisciplinary research themes can be developed from the specialized field they are studying. Specialized Foreign Language Subjects are designed to help students develop specialized foreign language competencies. In the Multidisciplinary Subjects, students will learn, together with students of the Department of Integrated Global Studies, the basic knowledge and methodologies of various disciplines, which form the basis when considering various social problems in a comprehensive manner. After graduation, students will advance to a graduate school or go out into the world as

#### 3. Diploma Policy (Graduation and Degree Conferral Policy)

With an interdisciplinary approach, synthesis and creativity as its basic principles, the Integrated Arts and Sciences Program offers specialized education, emphasizing advanced liberal arts education. The Program aims to nurture independent and autonomous individuals who possess comprehensive knowledge and thinking ability.

This Program grants a Bachelor of Arts and Sciences to students who, in addition to acquiring the following abilities, have completed the prescribed number of credits.

- 1. The ability to play a leading role in addressing various problems facing modern society, through studies in three educational fields (Human Research Division, Natural Sciences Research Division, and Social Studies Research Division) based on intellectual curiosity for interdisciplinary fields that span several academic disciplines
- 2. The ability to seek to create a new academic field that goes beyond the frameworks of the three educational fields, on the basis of deep thinking, creative perspective and rich imagination
- 3. The ability to pursue broad academic interests—without being constrained by their area of specialization—through interdisciplinary studies, and to respond to new situations and environments from a comprehensive perspective
- 4. The ability to play an active role in the local community and international society by persuasively asserting their own views, while having empathy for and understanding of different cultures and fields from a global perspective

### 4. Curriculum Policy (Curriculum Formation and Implementation Policy)

To achieve the diploma policy of the Integrated Arts and Sciences Program, the curriculum is organized and implemented in accordance with the following policies.

- 1. Liberal Arts Education aims to cultivate within students awareness of peace, a broad and deep cultural sensitivity, comprehensive judgment and rich humanity, and to develop academic interest in a wide range of fields and cultivate the ability to approach things in an interdisciplinary and comprehensive manner. To this end, the curriculum is designed to help students develop practical foreign language skills, international perspective and the ability to understand different cultures, information utilization skills, and communication skills.
- 2. In parallel with Liberal Arts Education subjects, students are required to take a specialized education subject "Invitation to Integrated Arts and Sciences" in the first semester of the first year. This subject is designed to deepen students' understanding of a comprehensive scientific approach to addressing complex problems facing modern society, through lectures and student discussions on the history and current state of academic disciplines, which have become increasingly fractionalized, expectations and challenges toward integrated arts and sciences, and the history of the School of Integrated Arts and Sciences. In the second semester of the first year, students are required to take another Specialized Education subject "Introduction to Integrated Arts and Sciences." This subject is designed to help students understand the outline of three educational fields (Human Research Division, Natural Sciences Research Division, and Social Studies Research Division) and four Courses in each educational field, and deepen their understanding of the practice of integrated arts and sciences through Problem-Based Learning (PBL) and group presentations.

- 3. In their second year, students are required to select their research area from the three educational fields, and further decide on their core Course from the four Courses offered in their chosen educational field. While deepening their specialized knowledge by pursuing studies in their chosen core Course, students are expected to acquire interdisciplinary and comprehensive knowledge, methodology and perspective by simultaneously taking subjects in other educational fields through utilizing the flexible course registration system. "Multidisciplinary Subjects," which can be taken by students in both the Department of Integrated Arts and Sciences and the Department of Integrated Global Studies, aim to help students learn basic knowledge and methodologies of various academic fields. Students will acquire well-balanced knowledge by taking subjects offered in the three fields of human sciences, social sciences and natural sciences.
- 4. In the upper years, in addition to core Course subjects in their chosen educational field, students will take "Interdisciplinary Subjects," which involve lectures introducing cross-field, interdisciplinary research projects, seminars aiming at establishing new interdisciplinary themes, and experiments & seminars for learning interdisciplinary methods. Interdisciplinary Subjects are designed to improve students' scientific literacy and deepen their knowledge of research ethics while nurturing their understanding of the feasibility of interdisciplinary research, and to encourage them to take on specific challenges in integrated arts and sciences. In addition, as "Specialized Foreign Language Subjects," seminar subjects are offered to allow students to further improve their practical foreign language skills from a global perspective, so that they can deliver research presentations and communicate effectively in an international environment, and also to deepen their understanding of methodologies of integrated arts and sciences.
- 5. In their fourth year, under the guidance of their chief academic advisor and two sub-academic advisors, who are selected from faculty members in their educational field, students will determine a research theme from their own unique perspective and work independently on a special research thesis (graduation thesis) as a culmination of undergraduate studies.
- 6. Student achievement is evaluated in two aspects: grades of subjects taken and the degree of achievement of the set learning goals of the Integrated Arts and Sciences Program.

## 5. Start of the program /Admission conditions

This Program will start at the time of admission. In the School of Integrated Arts and Sciences, although the entrance examinations are divided into arts subjects and science subjects, neither class of admission will affect the acquisition of credits or the selection of an educational field after admission. All students are strongly advised to take Liberal Arts Education Subjects in drafting their course registration plan.

#### 6. Qualification(s)

Type-1 High School Teaching License (in geographical history, civics, mathematics, science, or a foreign language (English)

- 7. Class subjects and class content
  - \* See the Table of Registration Standards on Attached Sheet 1 for your class subjects.
  - \* See the syllabus announced for each fiscal year for class contents.

#### 8. Academic achievements

- \* See the relationships between the evaluation items and evaluation criteria on Attached Sheet 2.
- \* See the relationships between the evaluation items and class subjects on Attached Sheet 3.
- \* See the Curriculum Map on Attached Sheet 4.

## 9. Graduation thesis (graduation research) (placement and method & time of assignment)

#### 1) Conditions for special research

At the end of the third year, students are required to have completed at least 100 credits (excluding subjects related to the teaching profession, internships, and class subjects related to education to eliminate discrimination (against certain social groups), including the "Invitation to Integrated Arts and Sciences" and "Introduction to Integrated Arts."

#### 2) Timing and method of choosing academic advisors

Academic advisors are composed of chief academic advisors and several sub-academic advisors

Students select their chief academic advisor from faculty members from their educational field in principle (see Attached Sheet 5).

In selecting their chief academic advisor, students will visit the faculty members whom they wish to be their chief academic advisors in the educational field that is given from July through October in the third year, and are then required to prepare a "Report on the Interview Related to the Selection of an Academic Advisor for Special Research," and submit it to their tutor.

Based on the Report on the Interview, students must prepare a "Request for Desired Chief Academic Advisors for Special Research" in consultation with their tutor for the third year, and submit it to the Student Support Group by November 15. The Notification of Decision for Chief Academic Advisor will be posted on the bulletin board by November 26. If you wish to change your chief academic advisor, you must submit "Request to Change the Chief Academic Advisor for Special Research" to the Graduate School of Integrated Arts and Sciences Support Office (in charge of Undergraduate Program) by February 10 in your third year.

## 3) Start of special research

Students shall start their special research after selecting their academic advisor in principle.

Students can temporarily select an academic advisor on or after August 1 in the third year, and can work on their research sooner, if they wish. To this end, they are required to have obtained at least 80 credits by the end of the second semester in the second year.

#### 10. Responsibility system

## (1) PDCA responsibility system ("Plan," "Do," "Check," and "Act")

An Educational Field Committee will be established to implement and assess the bachelor's degree course.

The study leader for the educational field shall be the Chair of the Educational Field Committee who will be assisted by the Deputy Chair.

The Chair and Deputy Chair of the Educational Field Committee shall be responsible for the implementation of the Program.

The Course Registration Sub Committee, which is established under the Educational Field Committee, shall receive consultations on course registration from students, and cooperate with their tutors.

The Course Registration Guidance Meeting by Field, which is established for each educational field, shall give concrete course registration guidance to students and shall adjust their course registration.

The Dean of the School shall have the overall responsibility for assessment/evaluation and improvements.

#### (2) Program assessment

1) Criteria for assessing the Program

Whether the class subjects are systematically arranged properly to achieve the goal

Whether the class contents are appropriate for systematization

Whether students can be said to have achieved a certain standard in attaining their goals

2) Implementing the assessment

After the end of the final class of each semester, students will assess their classes through a questionnaire

3) Ideas and method of feedback for students

In assessing individual classes, the opinions of faculty members and the assessment results will be discussed within the Educational Field to improve the assessment.

The Program on the whole shall be assessed by the Educational Field Committee, the Office of Graduate School Dean and the Evaluation Committee in cooperation.

# Attached Table (Article 5, Paragraph 3 of the Detailed Regulations for the School of Integrated Arts and Sciences)

The number of class subjects and the number of credits required for graduation are indicated in the table below. Please confirm the details including Note 1 through Note 12 before registering for your courses.

Ty pe				Subject type	No	uired . of dits	Class subjects, etc.	No. of credits	Type of course registratio	Year in which the subject is taken (Note 1)
	Peace So	cience	e Cou	ırses	2			2	Elective / Required	' 1st'
	rses in sity ion	Introduction to University Education  Introduction to University Education  Introductory Seminar for First-Year Students					Introduction to University Education	2	Required	' 1st'
	Basic Cou Univer Educat				2		Introductory Seminar for First-Year Students	2	Required	' 1st'
		Area Courses		urses in Arts and Humanities/Social ences	4					
		Coı	Cot	urses in Natural Sciences	4		(Note 3)	1 or 2	Elective	' 1st'
		Area		urses in Arts and Humanities/Social ences and Courses in Natural Sciences	20				/Required	
							Communication Basics I	1	Free	' 1st'
				Basic English Usage	(0)		Communication Basics II	1	elective	' 1st'
				Busic English Csuge	(0)		Up to two credits can be counted as cred		•	ourses in Arts and
							Humanities / Social Sciences and Cours	es in Natu	ral Sciences).	
			e 2)	Communication I			Communication I A	1		' 1st'
			Not				Communication I B	1	Elective	
cts			English (Note		4		Communication II A	1	/Required	' 1st'
ıbje			ngli	Communication II			Communication II B	1		
n Sı			Ξ				At least 2 subjects from the four subject	s above		
atio		es					Communication III A	1	Elective	, o v
gqnc	cts	nag		Communication III	2	52	Communication III B	1	/Required	' 2nd'
rts E	ıbje	ang					Communication III C	1		
Liberal Arts Education Subjects	Common subjects	Foreign Languages	NI.	n-English Foreign Languages			2 subjects from the three subjects above			
ibera	nmc	orei		eign Languages: Basic Studies (Select			2 subjects from the Basic Foreign	1		' 1st'
T	Cor	Н		language from German, French,	4		Language Subjects I		Elective	
			Spa	nish, Russian, Chinese, South Korean, Arabic)			2 subjects from the Basic Foreign Language Subjects II	1	/Required	' 1st'
				reign Languages: Intensive dies	(0)		The credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).	1	Free elective	' 1st'
			Ov	erseas Language Seminar	(0)		The credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).	1 4	Free elective	' 1st'
		Info	ormat	ion Courses	(0)		Up to two credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences). (Note 4)	2	Free elective	' 1st'
		Hea	lth a	nd Sports Courses	2			1 or 2	Elective /Required	' 1st'

Social Cooperation Courses	(0)		Up to two credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences).	1 or 2 or 4	Free elective	' 1st'	
Foundation Courses	6		If you obtain more than six credits from the Interdisciplinary Subjects, the extra credits can be counted as credits in Area Courses (Courses in Arts and Humanities / Social Sciences and Courses in Natural Sciences). (Note 3) (Note 5)	1 or 2	Elective /Required	' 1st'	
	2		Invitation to Integrated Arts and Sciences	2	Required	' 1st'	
	2		Introduction to Integrated Arts	2	Required	' 1st'	
	2		Interdisciplinary subjects (Note 7)	1 or 2	Elective	"1st"	
	2		Specialized Foreign Language Subjects (Note 7)	2	/Required	"2nd"	
Specialized Education Subjects(Note 7)	48	76	7. Educational Field Subjects			Elective /Required	"2nd"
	6		At least 6 credits from Multidisciplinary Subjects (Note 10)	1	Elective /Required	"2nd"	
	10		Free elective subjects (Note 9) (Note 11)	1	Free elective	"1st"	
	6		Special Research	6	Required	' 4th'	
No. of credits required for graduation	12	8					

Note 1: Figures in single quotes ('') indicate the standard year for starting the related subjects. Students who fail to obtain a credit(s) in said academic year can take the subject again after that semester. Figures in double quotes ("") indicate the year to start the related subjects, and you can take classes offered in and after that academic year.

Note 2: You can substitute the credits you have obtained in "Field Research in the English-speaking World" based on short-term language study abroad or other relevant program, or by taking "Online English Seminar & & " or "Advanced English for Communication" based on self-learning for English credits (6 credits) necessary for graduation. Also, there is a Credit Transfer System based on the relevant program of the proficiency tests and language training. For details, see items related tod9od9oc6.4() Transfer System based on the relevant proficiency tests and language training. For details, see items related tod9od9oc6.4() Transfer System based on short-term language study abroad on short-term language stud

- Note 9: At least six credits in classes offered in a field other than the registered Educational Field (limited to those offered to Courses) must be included in those for Educational Field Subjects or in the Free Elective Subjects.
- Note 10: Classes of Multidisciplinary Subjects are taught in English or Japanese. Credits from the same subject taken both in English and Japanese will only be counted once toward graduation. Students must complete a total of six credits, two each from the three fields of human science, social science and natural science. Any credits earned exceeding the minimum required credits for graduation (i.e. six

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The Program in Integrated Arts and Sciences places Liberal Arts Education as an opportunity "to cultivate the foundations of the ability to understand things in an interdisciplinary and comprehensive fashion by broadly encouraging an interest in study,"
rather than just "acquiring the basic knowledge and techniques directly leading to students' specialties." The detailed learning contents to be acquired are as follows:
Rich sensibility and flexible ideas, understanding of peace from a diversified standpoint, and understanding mutual relationships between fields, etc.

Broaden students' perspectives, and change their viewpoints.

Acquisition of basic knowledge, language skills, and the ability to utilize information, understanding physical strength and health, etc.

Create a foundation for learning.

/Natural Studie

Relationships between the evaluation items and class subjects instructed in English Evaluation items Knowledge and Understanding Comprehensive Abilities veighted Abilities and Skills alues of Subject Classification Subject Name Credit valuatio items i ıbject Introductory Seminar for First Liberal Arts Education ear Students ntroduction to University Liberal Arts Education Education Peace Science Courses Poreign Languages Liberal Arts Education
Liberal Arts Education Liberal Arts Education Liberal Arts Education Liberal Arts Education Liberal Arts Education nformation Courses 100 Area Courses Health and Sports Cou Social Cooperation Cou Social Cooperation Courses Foundation Courses Invitation to Integrated Arts and Liberal Arts Education Sciences introduction to Integrated Arts Specialized Education Specialized Education Multidisciplinary Subjects World Englishes /Human Studies Multidisciplinary Subjects /Human Studies Foreign Minorities in Japan E Multidisciplinary Subjects Japanese Buddhism E /Human Studies Multidisciplinary Subjects /Human Studies Cognitive Psychology E Multidisciplinary Subjects Hinduism and Buddhism in South Asia E Multidisciplinary Subjects Japanese Arts and Aesthetics E Multidisciplinary Subjects /Human Studies New Media and Art E Social Psychology E /Human Studies Multidisciplinary Subjects Wonder of Meaning /Human Studies
Multidisciplinary Subjects
/Human Studies
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Multidisciplinary Subjects Wonder of Meaning New Media and Art /Human Studies Multidisciplinary Subjects Cognition and Learning /Human Studies Multidisciplinary Subjects Cognition and Learning Human Studies

Multidisciplinary Subjects

Human Studies

Multidisciplinary Subjects

Multidisciplinary Subjects Introductory Lectures of Human Movement Sciences I Introductory Lectures of Human Human Studies
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Multidisciplinary Subjects Movement Sciences II Japanese Buddhism Social Psychology /Human Studies
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Multidisciplinary Subjects Foreign Minorities in Japan Cognitive Psycholog /Human Studies Multidisciplinary Subjects linduism and Buddhism ir South Asia /Human Studies Multidisciplinary Subjects Sleep and health /Human Studies Multidisciplinary Subjects /Human Studies Comparative research a and aesthetics in Japan sues in International Sociology Multidisciplinary Subjects /Social Studies Multidisciplinary Subjects /Social Studies Topics in History of Science E Multidisciplinary Subjects /Social Studies nvitation to World Literature Multidisciplinary Subjects /Social Studies History and Historiography E Multidisciplinary Subjects /Social Studies Knowledge of Anthropology E Regional Geography of the Seto Inland Sea Multidisciplinary Subjects /Social Studies Multidisciplinary Subjects /Social Studies Multidisciplinary Subjects Topics in History of Science /Social Studies Multidisciplinary Subjects /Social Studies Multidisciplinary Subjects Gender Studies I /Social Studies
Multidisciplinary Subjects
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Multidisciplinary Subjects History and Historiography /Social Studies Multidisciplinary Subjects Introductory Course in Japa /Social Studies Multidisciplinary Subjects Social Policies Introductory Course in Japane: Multidisciplinary Subjects
//Social Studies

Multidisciplinary Subjects
//Social Studies Social Policies Chinese Traditional Culture Issues in International Sociology /Social Studies

Multidisciplinary Subjects
/Social Studies

Multidisciplinary Subjects
Multidisciplinary Subjects Knowledge of Anthropology Rural society, culture and natur /Social Studies Multidisciplinary Subjects resource management /Natural Studies Multidisciplinary Subjects /Natural Studies rontiers of Material Science Multidisciplinary Subjects /Natural Studies undamentals of Life Science Multidisciplinary Subjects /Natural Studies Ecology and Society Multidisciplinary Subjects Environmental Science in atchment Areas Multidisciplinary Subjects Natural Histories and Sciences Multidisciplinary Subjects /Natural Studies Earth Environmental Chemistry Multidisciplinary Subjects Environment and Ecology 

/Natural Studies Multidisciplinary Subjects /Natural Studies Multidisciplinary Subjects /Natural Studies Multidisciplinary Subjects /Natural Studies	Subject Name	Credits	Type of course registrati	Cond		Knowlee 1)		Unders 2)				A	bilities :	and Ski	lls		1	Con	1	oirro Abi	litios		
Multidisciplinary Subjects //Natural Studies Multidisciplinary Subjects //Natural Studies Multidisciplinary Subjects //Natural Studies	Subject Name	credits			Wataki					3)		1) Weighted		2)	(:	3) Watehtad		1)		2)	(	3)	weighted values of
/Natural Studies Multidisciplinary Subjects /Natural Studies Multidisciplinary Subjects /Natural Studies Multidisciplinary Subjects /Natural Studies			on	Grade	Weighted values of evaluation	Weighted values of evaluation	values of evaluation		values of evaluation	Weighted values of evaluation	evaluati n items												
/Natural Studies Multidisciplinary Subjects /Natural Studies Multidisciplinary Subjects /Natural Studies Multidisciplinary Subjects /Natural Studies					items in the subject	items	items in the subject	items	items in the subject	items	items in the subject	items	items in the subject	items	items in the subject	items	items in the subject	items	items in the subject	items	items in the subject	items	subject
/Natural Studies Multidisciplinary Subjects /Natural Studies	Fundamentals of Biochemistry Fundamentals of Biochemistry	1	Free elective	2					100	1													100
Multidiaciplinami Cubicata	Fundamentals of Biochemistry Biodiversity and Ecology	1	Free elective	2	50	1			100 50	1													100
/Natural Studies	Biodiversity and Ecology	1	Free elective	2	50	1			50	1													100
Multidisciplinary Subjects , /Natural Studies	Thermodynamics	1	Free elective	2	70	1							30	1									100
Multidisciplinary Subjects	Thermodynamics	1	Free elective	2	70	1							30	1									100
/Natural Studies Multidisciplinary Subjects	Introduction to Modern Physics Organic Structure Analysis	1	Free elective	2	70 80	1							30 10	1					10	1			100
Multidisciplinary Subjects	Organic Structure Analysis	1	Free elective	2	80	1							10	1					10	1			100
/Natural Studies Specialized Education Specialized Education	Introduction to appned SeminarIn Art History	2	Free elective	2 3	40 25	1			30	1	30 25	1							50	1			100 100
Specialized Education	Comparative Study of Arts and Culture	2	Free elective	2	20	1	20	1			20	1	20	1					20	1			100
Specialized Education	Modern Thought Aesthetics and Science of Art	2	Free elective	2 2	25 50	1			50	1			25	1			25	1	25	1			100 100
Specialized Education	Comparative Study of Social Culture British Society Studies	2	Free elective	2	30 25	1	30 25	1	25	1					25	1	20	1	20	1			100 100
Specialized Education Specialized Education	Seminar on British Society Comparative Civilization	2	Free elective	3 2	25	1			40	1	25	1	25	1	25	1	60	1					100 100
Specialized Education	Life Ethics Comparative Philosophy A	2	Free elective	2 2	25	1			40	1			25	1			60 25	1	25	1			100 100
Specialized Education	Seminar in Art and Culture Advanced Lecture on Humanities	2	Free elective	2			100	1							50	1	50	1					100
Specialized Education	and the Study of Culture Seminar in Comparative Civilization	2	Free elective	2									40	1					60	1			100
Specialized Education Specialized Education	Seminar in Ethics Philosophy of Creating Culture	2	Free elective	3 2					50	1	50	1	40	1					60	1			100 100
Specialized Education	Comparative Philosophy B Seminar in Modern Thought	2	Free elective	3	20 10	1			20	1	10	1	20 10	1	20 10	1	20	1	20	1	20	1	100
	Western Art History Seminar in Aesthetics Art Seminar in Comparative	2 2	Free elective Free elective	3 2 3	10	1			20 25	1	10	1	20 25 10	1 1 1	25 10	1	20	1	20 25 20	1 1	20	1	100 100 100
Specialized Education	Seminar in Modern Culture Comparative Thought	2	Free elective	3 2	25	1	25	1			10	1	25	1	50	1	20	1	50 25	1	20	1	100
Specialized Education	Seminar in Comparative Thought Theories of Religious Studies -		Free elective	2 2	25 30	1	25 30	1					25	i	40	1			25	1			100
Specialized Education	Comparative Religion Introduciton to Linguistics	2	Free elective	2	40	1	30	1	30	1	30	1						1					100
Specialized Education	English Corpus Linguistics Seminar in Modern English Usage	2	Free elective	2	20	1			20 25	1	50	1			5	1	5	1					100
Specialized Education	Usage Syntax Semantics	2	Free elective	2 2	50 50	1									25 25	1	25 25	1					100 100
Specialized Education	Seminar in English Debate French Linguistics	2	Free elective	2 2	50	1	50 50	1							50	1							100 100
Specialized Education	Modern Chinese Usage Modern German Usage	2	Free elective	2 2	25	1	25 50	1			30 25	1							20 25	1		1	100 100
Specialized Education	Chinese Language Teaching Pragmatics	2	Free elective	3	40 40	1					30 30	1	30	1					30	1			100 100
Specialized Education	Seminar in the Art of English- japanese Simultaneous Interpretation I	2	Free elective	3			50	1													50	1	100
Specialized Education Specialized Education	Romance Linguistics I Lexicology	2	Free elective	3	30 20	1 1	70 20	1					35	1					25	1			100 100
Specialized Education	Introduction to Phonetics and Phonology Seminar in the Art of English-	2	Free elective	3	40	1			30	1					30	1							100
Specialized Education	japanese Simultaneous Interpretation II	2	Free elective	3			50	1													50	1	100
Specialized Education	Seminar on Contrastive Linguistics A	2	Free elective	2	40		00		50	1					25	1			00		25	1	100
Specialized Education	Seminar in French Linguistics Seminar on Contrastive Linguistics B	2	Free elective	3	40	1	30 40	1			30	1							30	1			100
Specialized Education	Romance Linguistics II Linguistic Fieldwork	2	Free elective	2 2	30 30	1	70	1			50	1							20	1			100 100
Specialized Education Specialized Education	Language and Thought Language and Thought	1	Free elective	2 2	50 50	1	25 25	1					25 25	1									100 100
Specialized Education	Foreign Language Acquisition and Communication Foreign Language Acquisition	1	Free elective	2	25	1					25	1							50	1			100
Specialized Education	and Communication Biological Psycology	2	Free elective	2	25 100	1					25	1							50	1			100
Specialized Education Specialized Education	Psychological Statistics Adaptation Phycology	2	Free elective	2 2	100	1					40	1	30	1	30	1							100 100
Specialized Education	Fundamental Laboratory Work in Behavioral Sciences Experimental Methods in	1	Free elective	2							40	1	30	1	30	1							100
Specialized Education	Behavioral Sciences Cognitive and behavioral science	2	Free elective	2	100	1					40	1	30	1	30	1							100 100
Specialized Education Specialized Education	Emotion and Personality Practicum in Behavioral Sciences	2	Free elective	2	100	1					40	1	30	1	30	1							100 100
Specialized Education	Sleep Psychology Social Behavioral Sciences	2	Free elective	2 2	100	1																	100
Cassislized Education	Cognitive Neuroscience Neuro- and Physiological Psychology	2	Free elective	3	100	1																	100
Specialized Education Specialized Education	Group Dynamics Stress science	2	Free elective	3	100 100	1																	100 100
Specialized Education Specialized Education	Laboratory Work in Psychology A Laboratory Work in Psychology B	1	Free elective	3							40 40	1	30 30	1	30 30	1							100 100
Specialized Education	Experimental Methods in Psychology A Experimental Methods in	1	Free elective	3							40	1	30	1	30	1							100
Specialized Education	Psychology B Research Methods in Psychology	2	Free elective	3			25	1			40 25	1	30 25	1	30 25	1							100 100
Specialized Education	Seminar on Original TextsIn Behavioral Science	2	Free elective	3			25	1			25	1	25	1	25	1							100
Specialized Education	Experimental Methods in Psychology C Experimental Methods in	1	Free elective	3							15	1	15	1	25	1	15	1	15	1	15	1	100
Specialized Education	Psychology D Laboratory Work in Psychology C	1	Free elective	3							15 15	1	15 15	1	25 25	1	15 15	1	15 15	1	15 15	1	100
Specialized Education	Laboratory Work in Psychology D Topics in Behavioral Science	2	Free elective	3	50	1	50	1			15	1	15	1	25	1	15	1	15	1	15	1	100 100
Specialized Education ,	Advanced Seminar on Original TextsIn Behavioral Science Heallth and Welfare	2	Free elective	4 2	25	1	25	1	25	1	25 25	1	25	1	25 25	1							100 100
Specialized Education	Special Lecture in Sports and Health Sciences	2	Free elective	2	25	1			25	1	25	1			25	1							100
Specialized Education	Sport Psychology Exercise and Environmental	2	Free elective	3	25 25	1			25 25	1	25 25	1			25 25	1							100
Specialized Education	Physiology Biomechanical Analysis of Human Movement	2	Free elective	2	25	1			25	1	25	1			25	1							100
Specialized Education	Sociology of Sport Experimental methodsIn Sport	2	Free elective	2	25 25	1			25 25	1	25 25	1			25 25	1							100 100
Specialized Education	and Health Sciences A Laboratory Work in Sport and	1	Free elective	3	25	1			25	1	25	1			25	1							100
Specialized Education	Health Sciences A Experimental methodsIn Sport and Health Sciences B	1	Free elective	3	25	1			25	1	25	1			25	1					L		100
Specialized Education	Laboratory Work in Sport and Health Sciences B	1	Free elective	3	25	1			25	1	25	1			25	1							100
Specialized Education	Human Motor Control  Muscle Physiology Seminar In Sport and Health	2	Free elective	3	40 40	1			30 30	1	15 15	1			15 15	1							100 100
Specialized Education	SeminarIn Sport and Health Sciences A	2	Free elective	3	25 25	1			25 25	1	25 25	1			25 25	1							100 100

						Knowla	dge and	Unders	tandin	ý.	1			ion item and Skil				Come	nrehens	ive Abi	lities		Total weighted
			Type of			1)		2)		3)	(1		()	2)	(3	3)	(	1)		2)		3)	values of
Subject Classification	Subject Name	Credits	registrati	Grade	Weighted values of	Weighted values of	evaluatio n items in																
			on		evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation	evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation	evaluation items in	evaluation	evaluation items in	evaluation items	the
Specialized Education	Management of Sport(lec.)	2	Free elective	3	the subject	1	the subject		the subject 25	1	the subject	1	the subject		the subject 25	1	the subject		the subject		the subject		subject 100
Specialized Education	Coaching Theory(lec.)	2	Free elective	3	25	1			25	1	25	1			25	1							100
	SeminarIn Sport and Health Sciences B	2	Free elective	3	10	1			10	1	10	1			10	1	30	1	30	1			100
Specialized Education	SeminarIn Sport and Health	2	Free elective	3	10	1			10	1	10	1			10	1	30	1	30	1			100
	Sciences C Philosophy of Sport	2	Free elective	3	25	1			25	1	25	1			25	1							100
Specialized Education	Introduction to Life Sciences	2	Free elective	2	80	1							10	1					10	1			100
	Fundamental Cell Biology Fundamental Laboratory Work in	2	Free elective	2	80	1							10	1	100				10	1			100
Specialized Education	Chemistry	1	Free elective	2											100	1							100
Specialized Education	Fundamental Methodology in Chemistry	1	Free elective	2											100	1							100
	Biophysical Chemistry	2	Free elective	2	80	1			10	1			5	1					5	1			100
	Cell Motility Biochemistry	2	Free elective	2 2	80	1			100	1			10	1					10	1			100 100
pecialized Education	Biochemistry Laboratory Work in Life Sciences  A  Deportuol Mathodo in Life	1	Free elective	2	40	1							10	1	20	1			30	1			100
pecialized Education	Practical Methods in Life Sciences A	1	Free elective	2	70	1							15	1					15	1			100
pecialized Education	molecular physiology	2	Free elective	2	80	1							10		20	1			00				100
specialized Education	Practical Methods in Life	1	Free elective	2	40	1							10	1	20	1			30	1			100
	Sciences B	2	Free elective	2	70 80	1							15 10	1					15	1			100 100
	Brain Function Molecular Developmental Biology	2	Free elective	3	80	1							10	1					10 10	1			100
pecialized Education	Molecular Cell Biology I	1	Free elective	3	90	1							5	1					5	1			100
pecialized Education pecialized Education	Molecular Cell Biology II Neurophysiology	1 2	Free elective	3	90 80	1							5 10	1					5 10	1			100 100
	Neurophysiology Laboratory work in Life Sciences	1	Free elective	3									-		100	1			-	·			100
Specialized Education	Practical Methods in Life Sciences C	1	Free elective	3											100	1							100
	Sciences C Laboratory work in Life Sciences	1	Free elective	3	40	1									30	1			30	1			100
	Practical Methods in Life Sciences D	1	Free elective	3	70	1							15	1					15	1			100
Specialized Education	Special Topics in Life Sciences A	1	Free elective	3	80	1			10	1									10	1			100
•	Special Topics in Life Sciences C Lecture and Laboratory courseIn	1	Free elective	3	80 70	1			10	1					10				10	1			100
Specialized Education	Marine Biology	2	Free elective	3	70	1			10						10	1			20	1			100
Specialized Education	Special Topics in Life Sciences B Special Lecture in Life Sciences D	1	Free elective	3	80 80	1			10 10	1									10 10	1			100 100
Specialized Education	Foundation of Date Analysis	2	Free elective	2	50	1					20	1	30	1					-				100
	Computer Fundamentals Seminar in Mathematics	2	Free elective Free elective	2	50 50	1							50 50	1									100 100
pecialized Education	Seminar in Mathematics II	1	Free elective	3	50	1							50	1									100
	Programming Techenique Differential Equations	2	Free elective	2 2	25 50	1			25	1			25 50	1					25	1			100 100
	Information Statistics	2	Free elective	2	50 50	1							50 50	1									100
specialized Education	Function Theory	2	Free elective	2	100	1																	100
	Topology and Graph Theory Information Theory	2	Free elective	2	100 50	1							25	1					25	1			100 100
pecialized Education	Algebra	2	Free elective	3	50	1							50	1					-				100
pecialized Education pecialized Education	Geometry Theory of Stochastic Processes	2	Free elective Free elective	3	40 40	1			30	1			30 30	1			30	1					100 100
necialized Education	Topics in Mathematical and	2	Free elective	3	50	1			00	•			50	1									100
	Information Sciences I Mathematical Analysis	2	Free elective	3	50	1							50	1									100
inecialized Education	Topics in Mathematical and	2	Free elective	3	50	1							50	1									100
	Information Sciences II Introduction to Algebra	2	Free elective	2	50	1							50	1									100
necialized Education	Practice in Introduction to	2	Free elective	2	50	1							50	1									100
Specialized Education	Geometry Discrete Mathematics	2	Free elective	2	50	1							50	1									100
pecialized Education	Discrete Mathematics Theory of Automata and	2	Free elective	2	50	1					0-		50	1									100
pecialized Education pecialized Education	T and and Data Mining	2	Free elective Free elective	2 2	50 50	1					25 25	1 1	25 25	1									100 100
necialized Education	Artificial Intelligence and	2	Free elective	2	100	1					_		-										100
	Machine Learning	2	Frag abouton	2	50	1							50	1									100
-	Computational Science		rree elective						0.5		50		50	1									
	Exercise of Programming	2	Free elective	2	25	1			25	1	50	1											100
•	Introduction to Computer Science	2	Free elective	2	100	1																	100
	Data structure and Algorithm English Seminar in Computer	2	Free elective	3	100	1																	100
pecianzeu Education	English Seminar in Computer Science	2	Free elective	3			25	1			50	1			25	1							100
pecialized Education	Laboratory Work in Computer Science I	1	Free elective	3	25	1			25	1	25	1			25	1							100
pecialized Education	Science I Laboratory Work in Computer	1	Free elective	3	25	1			25	1	25	1			25	1							100
-	Science II Electromagnetism I	2	Free elective	2	70	1			63	1	43	1	30	1	دع	1							100
pecialized Education	Seminar in Physical Sciences I	2	Free elective	2	70	1							50 50	1	50	1							100
necialized Education	Fundamental Laboratory Work in Physics	1	Free elective	2									50	1	50	1							100
nocialized Education	Basic Experimental Methods for	1	Free elective	2							100	1											100
•	Physics Introduction to Physical Sciences	2	Free elective	2	70	1					130	•	30	1									100
ecialized Education	Electromagnetism II	2	Free elective	2	70	1							30	1									100
ecialized Education	Seminar in Physical Sciences II Quantum Mechanics I	2	Free elective	2		1							50	1	50	1							100
ecialized Education	Laboratory Work in Material	2	Free elective	2	70	1							30 50	1	50	1							100 100
ecianzed Education	Sciences A		rree elective										50	1	50	1							
pecialized Education	Experimental Methods for Materials Sciencs A	1	Free elective	2							100	1											100
pecialized Education	Laboratory Work in Material Sciences B	1	Free elective	2									50	1	50	1							100
nocialized Education	Experimental Methods for	1	Free elective	2							100	1											100
pecialized Education	Materials Sciencs B Statistical Physics I	2	Free elective	3	70	1					100	1	30	1									100
pecialized Education	Seminar in Quantum Mechanics I	2	Free elective	2									50	1	50	1							100
•	Quantum Mechanics II	2	Free elective	3	70	1							30	1									100
	Laboratory Work in Material Sciences C	1	Free elective	3									50	1	50	1							100
	Experimental Methods for Materials Sciencs C	1	Free elective	3							100	1											100 4.44 0 1 3.44)-162
pecialized Education																							

						V 1	. ·	T I 1	11					ion item				-	1	A1 ·	1242 -		Total
			Type of			Knowlee (1)		Under: 2)	standing ()		(1			and Skil 2)		3)	(1		prehens	sive Abi 2)		3)	weighted values of
Subject Classification	Subject Name	Credit		Grad	e Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	Weighted	evaluatio
			on		values of evaluation	values of evaluation	values of evaluation	values of evaluation	values of evaluation	values of evaluation	values of evaluation	n items i											
					items in the subject	items	items in the subject		items in the subject	items	items in the subject	items	items in the subject	items	items in the subject	items	the subject						
C	Laboratory Work in Natural	1	Free elective	2	25	1			,			1	25	1	25	1	,		,		,		100
Specialized Education	Environmental Sciences A Practical Methods in Natural	1	Pres elective	2	23	1					25	1	23	1	23	1							100
Specialized Education	Environmental SciencesA	1	Free elective	2	25	1					25	1	25	1	25	1							100
Specialized Education	Fundamental Laboratory Work in Biology	1	Free elective	2	50	1					25	1	25	1									100
Specialized Education	Fundamental Methodology in	1	Free elective	2	50	1					25	1	25	1									100
Specialized Education	Biology Aunosphere-vegetation	2	Free elective	2	50	1			50	1	23	1	2.3	1									100
Specialized Education	Sabo Engineering	2	Free elective	3	50	1			30	1	50	1											100
Specialized Education	Environmental Microbiology	2	Free elective	2	50	1			25	1	25	1											100
Specialized Education Specialized Education	Hydrology Quarternary Environment	2	Free elective	3	25 50	1			25	1	25 25	1	25	1			25	1					100 100
Specialized Education	Laboratory Work in Natural	1	Free elective	3	20	1				-	20	1	20	1	20	1			20	1			100
	Environmental Sciences B Practical Methods in Natural																						
Specialized Education	Environmental SciencesB	1	Free elective	3	20	1					20	1	20	1	20	1			20	1			100
Specialized Education	Introduction to environmentalImpact evaluation	2	Free elective	3	50	1					50	1											100
Specialized Education	Environmental Mineralogy	2	Free elective	2	50	1			50	1													100
Specialized Education	Laboratory Work in Natural Environmental Sciences C	1	Free elective	3							25	1	25	1	25	1			25	1			100
Specialized Education	Practical Methods in Natural	1	Free elective	3							25	1	25	1	25	1			25	1			100
Specialized Education	Environmental SciencesC SeminarIn Natural Environment	2	Free elective	3							10	1	10	1	20	1	20	1	20	1	20	1	100
Specialized Education	Special Lecture on	2	Free elective	3	50	1					25	1	25	1									100
	Environmental Sciences Physical Chemistry of Materials											-											
Specialized Education	and Environmental Application	2	Free elective	3	50	1					25	1	25	1									100
Specialized Education	Environmental Risk Management		Free elective	2	30	1			30	1	20	1	20	1					95				100
Specialized Education Specialized Education	Europrean Philosophical Thought History of Japanese Culture	2	Free elective	2 2	50 50	1					50	1	25	1					25	1			100
Specialized Education	East Asian History	2	Free elective	2	30	1			30	1	40	i											100
Specialized Education	Area Studies A	2	Free elective	2	50	1	25	1			25	1											100
Specialized Education Specialized Education	Area Studies B Japanese Area Studies	2	Free elective	2 2	20	1	20	1	70	1	30	1	30	1					30	1			100 100
Specialized Education Specialized Education	Special Topics in Area Studies A	2	Free elective	2	50 50	1	25	1			25	1							30	1			100
Specialized Education	Special Topics in Area Studies B	2	Free elective	2	50	1	25	1			25	1											100
Specialized Education	German Culture	2	Free elective	2	40		100	1	00		00												100
Specialized Education	Korean Culture Society in the English speaking	2	Free elective	2	40	1			30	1	30	1											100
Specialized Education	world	2	Free elective	2	10	1	40	1			15	1			15	1			20	1			100
Specialized Education	Seminar on society in the English speaking world	3	Free elective	3	20	1	20	1			20	1			20	1			20	1			100
Specialized Education	Medical Anthropology	2	Free elective	2	20	1			20	1			20	1	20	1			20	1			100
Specialized Education	Medical Anthropology Seminar	2	Free elective	3	25	1							25	1	50	1							100
Specialized Education	Modern Japanese Culture and Literature	2	Free elective	2	20	1	20	1			30	1							30	1			100
Specialized Education	Contemporary Chinese Culture	2	Free elective	2			30	1							30	1			40	- 1			100
-	and Literature Social and Cultural History of														30	•			40	•			
Specialized Education	East Asia	2	Free elective	2			40	1			30	1									30	1	100
Specialized Education	European History	2	Free elective	2	30	1			20	1	30	1	20	1									100
Specialized Education Specialized Education	American Society Seminar in German Culture	2	Free elective	2 3			100	1			100	1											100 100
Specialized Education	Postcolonialism	2	Free elective	3	40	1			30	1	30	1											100
Specialized Education	Seminar in German Current	2	Free elective	3			80	1							20	1							100
	Events and Culture Seminar in British literature and								00										40				
Specialized Education	Social Thought	2	Free elective	3					20	1					40	1			40	1			100
Specialized Education	Seminar on Culture of Taiwan SeminarIn Social and Cultural	2	Free elective	3			30	1							30	1			40	1			100
Specialized Education	History of East Asia	2	Free elective	3			35	1							35	1					30	1	100
Specialized Education	Seminar in European History	2	Free elective	3			30	1			25	1			25	1	20	1					100
Specialized Education	Seminar in Modern Japanese Culture and Literature	2	Free elective	3	20	1	20	1			20	1			20	1			20	1			100
Specialized Education	French Civilization	2	Free elective	3			50	1											50	1			100
Specialized Education	Seminar in Traditional Chinese	2	Free elective	3	60	1					40	1											100
	Culture Seminar in Japanese Cultural	2	Francisco	3	50	1									50	1							100
Specialized Education	History	_	Free elective		50	1			40		00		0.0		50	1							
Specialized Education Specialized Education	Seminar in East Asian History Text Culture	2	Free elective	3 2	50	1			40	1	30	1	30	1					50	1			100 100
Specialized Education  Specialized Education	Biblical Studies	2	Free elective	2	25	1							25	1					50	1			100
Specialized Education	Study of Euro-American Cultural	2	Free elective	2					50	1			40	1					10	1			100
	Contact Sociology of educationInIts													•									
Specialized Education	relation to power	2	Free elddfive	2							50	1							50	1			100
Specialized Education	British and American Literature	2	Free elective	2	25	1	50	1			25	1											100
Specialized Education Specialized Education	Seminar in Comparative Culture Urban Culture	2	Free elective	2 2	40	1	50	1					30	1	50	1			30	1			100 100
Specialized Education	Urban Social History	2	Free elective	2	30	1					30	1		•					40	1			100
Specialized Education	Introduction to Cultural Studies	2	Free elective	2	60	1			20	1	100				20	1							100
Specialized Education	Gender and Cultures Seminar on Development Policy	2	Free elective	2							100	1											100
Specialized Education	and Science	2	Free elective	2	30	1									30	1			40	1			100
Specialized Education	Seminar in British and American Literature	2	Free elective	3			50	1			25	1			25	1							100
Specialized Education	Comparative Literature	2	Free elective	3			50	1							50	1							100
Specialized Education	Seminar in Urban Culture	2	Free elective	3	40	1			30	1									30	1			100
Specialized Education	Seminar in Urban Social History	2	Free elective	3	30	1			30				30	1	50	1					40	1	100
Specialized Education Specialized Education	Seminar on Cultural Studies Seminar on Cultural StudiesII	1	Free elective	3	20 20	1			30 30	1					50 50	1							100
Specialized Education	Seminar on Cultural StudiesII	2	Free elective	3	25	1			50		25	1			50	•	25	1	25	1			100
Specialized Education	Sociology of migration	2	Free elective	3					50	1									50	1			100
-	andIntegration SeminarIn Study of Euro-										50										20		
Specialized Education	American Cultural Contact	2	Free elective	3					20	1	50	1									30	1	100
Specialized Education	Seminar in Biblical Studies Cultures and Boundaries	2	Free elective	3 2	20	1					20	1			20	1			40	1			100
Specialized Education Specialized Education	Cultures and Boundaries Cultures and Boundaries	1	Free elective	2	50 50	1													50 50	1			100
	British Society Studies			17.1((2)0(5)-3288 <b>2</b> (1			4.08 0 2 608 29.7	n nes n <b>i</b> lo 7o		T Education/T/ET	o1   84.96 266 142	803 Tm(203 Tm	See4.08 0 0 4.08	107.0992 439.883	7036 <b>(2,5</b> 03 To	(2 .76 26 <b>)</b> .3263 T	m(Spec <b>]</b> 4644 442	03 T Education)		0386 142803 Trr	(2atton), 34 08 0 0	4.08 107.0992	

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			Type of			Knowle 1)		Unders 2)		3)	(1		bilities (	and Ski 2)	lls (	3)	(	Com (1)	prehens ()	sive Abi 2)	(:	3)	weighted values of
Subject Classification	Subject Name	Credits	course registrati	Grade	Weighted values of	values of	Weighted values of	Weighted values of	values of	Weighted values of	values of	Weighted values of	Weighted values of	Weighted values of	Weighted values of	Weighted values of	Weighted values of	Weighted values of	Weighted values of	Weighted values of	Weighted values of	Weighted values of	evaluatio n items ir
			on		evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation items	evaluation items in	evaluation items	the
Specialized Education	Basic Analysis Method of Social	2	Free elective	2	the subject		the subject		the subject		the subject		the subject		the subject		the subject		the subject		the subject		subject 100
Specialized Education	Research Data TrendIn Contemporary Society	2	Pres elective	2	50	1					50	1									<u> </u>		100
Specialized Education  Specialized Education	Viewed from the Survey Data Anthropology of differences	2	Free elective	2	25	1					25	1							50	1			100
Specialized Education	A al	2	Free elective	2 2	40	1					20	1	20	1					40	1			100
Specialized Education Specialized Education	Ecological Geography of Europe Environment for Peace	2	Free elective	2	40	1			100	1									40				100
Specialized Education	Ecological Geography of Japan Seminar in Anthropologyof	2	Free elective	3					40	1	30	1			40				30	1		<del>-</del>	100
Specialized Education Specialized Education	Religion and Society Seminar in Japanese Geography	2	Free elective	3	30	1			20	1	30	1			40	1					40	1	100
Specialized Education	Seminar on Field Research for	2	Free elective	3					25	1		-			50	1	25	1					100
Specialized Education	Area Studies IA Seminar on Field Research for	2	Free elective	3					25	1					50	1	25	1					100
Specialized Education	Area Studies IB Seminar on Field Research for	2	Free elective	3					25	1					50	1	25	1					100
Specialized Education	Area Studies IIA Seminar on Field Research for	2	Free election	3					25	1					50	1	25	1					100
	Area Studies IIB Seminar in Anthropology of	2		3					20	1					40	1	2.5		40	1			100
Specialized Education	differences Seminar in Ecological and Social	-	Pree elective																		<u> </u>		
Specialized Education	Anthropology	2	Free elective	3			20	1	20	1					40	1			40	1	<u> </u>		100
Specialized Education Specialized Education	Seminar in European Geography Special Topics in Social Field	2	Free elective	2			20	1	40	1	20	1			40	1			40	1			100
Specialized Education	Studies Socio-Informatics and Media	2	Free elective	2	50	1							20	1			30	1					100
Specialized Education	Studies SeminarIn Socio-Informatics and	2	Francis	3	30				20	1			~0	-	40	1		1			40	1	100
	Media Studies Studies on Community and	-	rave elective		00				20	1					40	1					40	1	
Specialized Education	Environment Seminar in Studies on	2	Free elective	2	30	1					30	1							40	1	<b>_</b>		100
Specialized Education	Community and Environment	2	Free elective	3 2	0.0				30	1					30 40	1			40	1	40	-	100
Specialized Education Specialized Education	Seminar in eco-museum Practical Methods in Natural	2	Free elective	1	20	1			50	1			50	1	40	1					40	1	100
Specialized Education	Sciences Laboratory Work in Natural	2	Free elective	1					50	1			50	1									100
Specialized Education  Specialized Education	Sciences Seminar in English	2	Free elective	2	-		100	1	30	1			30								<del>                                     </del>		100
Specialized Education	Advanced English Listening Comprehension	2	Free elective	2			50	1			25	1									25	1	100
Specialized Education	English Conversation	2	Free elective	2			50	1	50	1													100
Specialized Education	Intermediate Level SeminarInIntegrated GermanIA	2	Free elective	2			100	1															100
Specialized Education	Intermediate Level SeminarInIntegrated GermanIB	2	Free elective	2			100	1															100
Specialized Education	Seminar onIntermediate German conversationI Seminar number mediate French	2	Free elective	2			100	1															100
Specialized Education	Intermediate Level	2	Free elective	2			30	1			30	1							40	1	-		100
Specialized Education	SeminarInIntegrated FrenchIB	2	Free elective	2			100	1													<u> </u>		100
Specialized Education	Intermediate courseIn french language (first semester) Seiflind in Chinese Text Witting	2	Free elective	2			30	1			30	1							40	1			100
Specialized Education Specialized Education	Seminar in Chinese Listening	2	Free elective	2	50	1	100	1			50	1											100
Specialized Education	Comprehension I	2	Free elective	2			100	1													<u> </u>		100
Specialized Education	Seminar in Current German Intermediate Level	2	Free elective	23			100	1															100
Specialized Education	SeminarInIntegrated German A	2	Free elective	2			100	1													<u> </u>		100
Specialized Education	Intermediate Level SeminarInIntegrated German B	2	Free elective	2			100	1															100
Specialized Education	Seminar onIntermediate German conversation Seminar rimiter mediate French	2	Free elective	2			100	1															100
Specialized Education	Intermediate Level	2	Free elective	2			30	1			30	1							40	1			100
Specialized Education	SeminarInIntegrated French B Intermediate courseIn french	2	Free elective	2			100	1															100
Specialized Education  Specialized Education	language (second semester)	2	Free elective	2 2			30 50	1			30	1	50						40	1	<u> </u>		100
Specialized Education	Seminar in Chinese Expository	2	Free elective	2			100	1					50	1									100
Specialized Education	Writing II Semmai in Crimese Conversation	2	Free elective	2			100	1															100
Specialized Education	Advanced English Expository Writing	2	Free elective	3			50	1			25	1									25	1	100
Specialized Education	Advanced SeminarIn German Reading ComprehensionI	2	Free elective	3			100	1															100
Specialized Education	Seminar on Advanced German conversationI	2	Free elective	3			100	1															100
Specialized Education	Advanced SeminarIn French	2	Free elective	3			100	1															100
Specialized Education	Writing Advance courseIn french	2	Free elective	3			30	1			30	1							40	1			100
Specialized Education	language (first semester) Seminar in Chinese Reading	2	Free election	2			30	1			30	1							40	1			100
Specialized Education  Specialized Education	Comprehension I ethicsIn science	2	Free elective	3			30		30	1	30						70	1	-10		<del>                                     </del>		100
Specialized Education	seminarIn dialogue method Seminar in English for Life	2	Free elective	3											30	1			70	1	<u> </u>		100
Specialized Education	Sciences	2	Free elective	3	90	1							5	1					5	1	<u> </u>		100
Specialized Education	Seminar in Sports and Health Scientific English	2	Free elective	3	25	1			25	1	25	1			25	1					<u> </u>		100
Specialized Education	Seminar in German Text Writing Advanced SeminarIn German		Free elective	3			100	1													<del>                                     </del>		100
Specialized Education	Reading Comprehension Seminar on Advanced German	2	pree elective	3			100	1													₩		100
Specialized Education	conversation Advance courseIn french	2	Free elective	3	-		100	1													<u> </u>		100
Specialized Education	language (second semester)	2	Free elective	3			30	1			30	1							40	1	<u> </u>		100
Specialized Education	Seminar in Chinese Reading Comprehension II	2	Free elective	3			30	1			30	1							40	1	<u> </u>		100
Specialized Education	English for the Physical Science SeminarIn Advanced French Text	2	Free elective	3			50	1			50	1							40		<del>                                     </del>		100
Specialized Education Specialized Education	Reading Applied Behavioral Sciences	2	Free elective	3			30	1	100	1	30	1							40	1	<del> </del>		100
Specialized Education	Document Management	2	Free elective	2	25	1			130		25	1	0.5				25	1	25	1			100
Specialized Education Specialized Education	Science Studies Environmental Economics	2	Free elective	2 2	50 50	1					50	1	25	1					25	1			100
Specialized Education Specialized Education	History of Environmental Issues Brain Science	2	Free elective	2 3	50 70	1			25 10	1					25	1			20	1			100 100
	Brain Science Analysis for Economic	2	Free elective	2 2	30	1					30	1							40	1			100
Specialized Education	Condensed Assistant				1		1		100	1	1							1	<b></b>		4		100
Specialized Education Specialized Education Specialized Education	Gender and Academic Disciplines Risk Studies	2	Free elective	2					30	1			30	1					40	1			100
Specialized Education Specialized Education					30	1			30 20	1	30	1	30 40	1					40 40 40	1 1 1			100

## Sheet 4

Curriculum Map of Integrated Arts and Sciences

	Academic achievements		rade		grade	3rd g	rade	4th g	grade
	Evaluation items	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester
		Peace Science Courses	Peace Science Courses	Special Education					
	Knowledge and understanding of the	Basic Courses in University Education	Area Courses						
	importance and characteristics of each discipline and basic theoretical framework.	Area Courses	Health and Sports Courses						
		Health and Sports Courses	Foundation Courses						
ď	0	Foundation Courses							
standin		Peace Science Courses	Peace Science Courses	Foreign Languages	Special Education				
Under	Knowledge and understanding of "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.	Foreign Languages	Foreign Languages	Special Education					
l u		Area Courses	Area Courses						
Knowle	peoples in different culture and areas.	Foundation Courses	Foundation Courses						
		Invitation to Integrated Arts and Sciences	Introduction to Integrated Arts and Sciences	Special Education					
	The knowledge and understanding to	Peace Science Courses	Peace Science Courses						
	fully recognize the mutual relations	Basic Courses in University Education	Area Courses						
		Area Courses	Foundation Courses						
		Foundation Courses							

Г									
	The ability and skills to collect and	Information Literacy		Special Education					
	analyze necessary literature or data among various sources of information								
	on individual academic disciplines.								
ı Cleille		Introductory Seminar for First-Year Students		Special Education					
	The ability and skills to specify necessary theories and methods for consideration of issues.								
A 15:13:4	Consideration of issues.								
	The abilities and skills to summarize one's own research in reports or	Introductory Seminar for First-Year Students	Introduction to Integrated Arts and Sciences	Special Education					
	academic papers, and to deliver presentations at a seminar or research meetings, and to answer	Invitation to Integrated Arts and Sciences						Special Study	Special Study
	questions.								
	The general ability to discover issues			Special Education					
	based on the ethics in research and subjective intellectual interests, and make planning to solve them.							Special Study	Special Study
,									
Ab:11:4:0	The ability to conduct research		Introduction to Integrated Arts and Sciences	Special Education					
0.10	proactively by combining knowledge, understanding, and skills for the tasks, based on flexible creativity and				Interdisciplinary Subjects				
100000	imagination.							Special Study	Special Study
٢	The general ability to logically and		Specialized Foreign Language Subjects	Specialized Foreign Language Subjects	Specialized Foreign Language Subjects	Specialized Foreign Language Subjects	Specialized Foreign Language Subjects	Specialized Foreign Language Subjects	Specialized Foreign Language Subjects
	simply explain one's own ideas on ways of solving issues to people in different culture and areas, and			Special Education					
	demonstrate leadership in discussion.							Special Study	Special Study
				Liberal Arts	Specialized Education	Graduation Thesis	Required	Elective/required	Free elective

Liberal Arts
Education Subjects

Specialized Education
Subjects

Graduation Thesis
Required
Elective/required
Free elective