# For entrants in FY 2018

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)	総合科学プログラム
(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 human resources who can play an active role in diverse fields using the comprehensive knowledge and thinking ability that they have acquired in this Program as their selling points. The Program also caters for students who wish to obtain the Type-1 High School Teaching License (in geography/history, civics, mathematics, science or foreign language [English]).

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
- 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.
  - 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 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 o. of dits	Class subjects, etc.	No. of credits	Type of course registratio n	Year in which the subject is taken (Note 1)
	Peace So	cience	e Coi	irses	2			2	Elective / Required	'1st'
	rses in sity ion	Intro	oducti	on to University Education	2		Introduction to University Education	2	Required	ʻ1st'
	Basic Courses in University Education	Intro	oduct	ory Seminar for First-Year Students	2		Introductory Seminar for First-Year Students	2	Required	ʻ1st'
		Area Courses		urses in Arts and Humanities/Social ences	4					
		Col	Со	rses in Natural Sciences	4		(Note 3)	1 or 2	Elective	ʻ1st'
		Area		urses in Arts and Humanities/Social ences and Courses in Natural Sciences	20				/Required	
							Communication Basics I	1	Free	ʻ1st'
				Basic English Usage	(0)		Communication Basics II	1	elective	ʻ1st'
				Basic Eligiisii Usage	(0)		Up to two credits can be counted as cred Humanities / Social Sciences and Cours			
			5)				Communication I A	1		6 <b>1</b> . ?
			lote	Communication I			Communication I B	1	Elective	ʻ1st'
ts			h (N		4		Communication II A	1	/Required	'1st'
ojec			English (Note	Communication II			Communication II B	1		Ist
n Su			Щ				At least 2 subjects from the four subject	s above	r	
atior		s					Communication III A	1	Elective	
duca	ts	lage		Communication III	2	52	Communication III B	1	/Required	ʻ2nd'
ts E	bjec	angı			-		Communication III C	1	,	
l Ar	n su	nL					2 subjects from the three subjects above		1	
Liberal Arts Education Subjects	Common subjects	Foreign Languages	For	n-English Foreign Languages eign Languages: Basic Studies (Select	4		2 subjects from the Basic Foreign Language Subjects I	1	Elective	ʻ1st'
	0		Spa	language from German, French, nish, Russian, Chinese, South Korean, Arabic)	4		2 subjects from the Basic Foreign Language Subjects II	1	/Required	ʻ1st'
				eign 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	ʻ1st'
			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	ʻ1st'
		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	ʻ1st'
		Hea	lth a	nd Sports Courses	2			1 or 2	Elective /Required	ʻ1st'

	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	ʻ1st'
Foundatio	on 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	ʻ1st'
·		2		Invitation to Integrated Arts and Sciences	2	Required	ʻ1st'
		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 Edu	acation Subjects(Note 7)	48	76	Educational Field Subjects (Note 8) (Note 9)	1 or 2	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 re	equired for graduation	12	28				

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 I & II & III" 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 foreign language proficiency tests and language training. For details, see items related to English in Liberal Arts Education appearing in the Handbook for Students, "Handling of Credit Accreditation Based on Foreign Language Proficiency Tests, etc." and "Agreements Related to Credit Accreditation for Language Training at Overseas Training Institutions."
- Note 3: It is desirable to take the Realm-based Subjects and Basic Subjects each with a good balance, even after subjects from the Specialized Education Field begin to be offered from the second year. Subjects from each field should be well-balanced in the Realm-based Subjects, and Basic Subjects should be taken in a good balance regardless of humanities subjects and science subjects
- Note 4: Take the "Elements of Information Literacy." You can take "Exercise in Information Literacy" only if you fail to obtain a credit in " Elements of Information Literacy."
- Note 5: (1) "Elements of Calculus" can be taken only by students who did not study a subject equivalent to Mathematics III in high school.
  - (2) "Basic Concepts of Chemistry" can be taken only by students who did not study a subject equivalent to Chemistry (Chemistry Basics not included) in high school.
- Note 6: Credits obtained in "Subjects Related to Teaching Profession," "Internship" and "Subjects Taken as Part of Minor Program" cannot be included in the number of credits required for graduation.
- Note 7: If you obtain more than two credits from Interdisciplinary Subjects and Specialized Foreign Language Subjects combined, the extra credits can be counted toward free elective subjects.
- Note 8: (1) To take Educational Field Subjects, you must choose and register one field that you wish to study intensively from three Educational Fields (Human Research Division, Natural Sciences Research Division, and Social Studies Research Division).

(2) Choose one Course that you wish to study intensively from the registered Educational Field, and set the group as your main Course.

- (3) To obtain the 48 credits in Educational Field Subjects, you should take classes from those offered in all Courses in the Educational Field (hereinafter "All Class Subject Groups"). In that case, you must obtain 12 credits in total in all Courses other than the main Course.
- (4) The number of credits obtained in Educational Field Subjects can be added to the credits obtained in Free Elective Subjects following the steps below in the final results for course registration in the final year.
- ①The number of credits in each Course beyond the number of credits in each main Course
- <sup>(2)</sup>The number of credits in all the Educational Field Subjects obtained beyond the 48 credits

- 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 credits) can be counted toward free elective subjects.

Note 11: Class subjects offered by other schools, etc. may be included.

## Academic achievements of Integrated Arts and Sciences Program

Relationships between the evaluation items and evaluation criteria

		Academic achievements		Evaluation criteria	
		Evaluation items	Excellent	Very Good	Good
nd Understanding		Knowledge and understanding of the importance and characteristics of each discipline and basic theoretical framework.	Being able to systematically fully understand the importance, characteristics, basic theoretical frameworks and features of individual academic disciplines and explain them.	Being able to understand the importance, characteristics, basic theoretical frameworks and features of individual academic disciplines and explain them.	Being able to partially understand the importance, characteristics, basic theoretical frameworks and features of individual academic disciplines.
a	(2)		Fully being able to understand, appropriately send, and receive "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.	Fully being able to understand, send, and receive "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.	Being able to understand, generally send, and receive "Japanese and Japanese culture" and "foreign languages and foreign culture" which are prerequisite abilities for communication with peoples in different culture and areas.
Knowledge		The knowledge and understanding to fully recognize the mutual relations and their importance among individual academic diciplines.	Being able to fully understand, recognize, and appropriately explain the mutual relations and their importance among individual academic disciplines.	Being able to fully understand, recognize, and explain the mutual relations and their importance among individual academic disciplines.	Being able to fully understand, recognize, and partially explain the mutual relations and their importance among individual academic disciplines.
Skills	(1)	The ability and skills to collect and analyze necessary literature or data among various sources of information on individual academic disciplines.	Being able to fully collect and precisely analyze necessary literature or data among various kinds of information on individual academic disciplines.	Being able to fully collect and analyze necessary literature or data among various kinds of information on individual academic disciplines.	Being able to collect and partially analyze necessary literature or data among various kinds of information on individual academic disciplines.
and	(2)	The ability and skills to specify necessary theories and methods for consideration of issues.	Being able to exactly specify necessary theories and methods for consideration of issues, and fully make use of them.	Being able to exactly specify necessary theories and methods for consideration of issues, and make use of them.	Being able to specify necessary theories and methods for consideration of issues, and partially make use of them.
Abilities		The abilities and skills to summarize one's own research in reports or academic papers, and to deliver presentations at a seminar or research meetings, and to answer questions.		Being able to summarize research results in reports or academic papers, deliver presentations at seminars or research meetings, and answer questions.	Being able to summarize research results in reports and academic papers, deliver presentations at seminars or research meetings, and answer most questions.
Abilities		The general ability to discover issues based on the ethics in research and subjective intellectual interests, and make planning to solve them.	Being able to discover issues based on the ethics in research and subjective intellectual interests, and make effective planning to solve them.	Being able to discover issues based on the ethics in research and subjective intellectual interests, and make planning to solve them.	Being able to discover issues based on the ethics in research and subjective intellectual interests, and partially make planning to solve them.
	(2)	The ability to conduct research proactively by combining knowledge, understanding, and skills for the tasks, based on flexible creativity and imagination.	Being able to sufficiently conduct research by combining knowledge, understanding, ability, and skills for the tasks, based on flexible creativity and imagination,	Being able to conduct research by combining knowledge, understanding, ability, and skills for the tasks, based on flexible creativity and imagination,	Being able to conduct research mostly by combining knowledge, understanding, ability, and skills for the tasks, based on flexible creativity and imagination.
Comprehensive	(3)	The general ability to logically and simply explain one's own ideas on ways of solving issues to people in different culture and areas, and demonstrate leadership in discussion.	Being able to logically and simply explain one's own ideas on ways of solving issues to peoples in different culture and areas, and fully demonstrate leadership in discussion.	Being able to logically and simply explain one's own ideas on ways of solving issues to peoples in different culture and areas, and demonstrate leadership in discussion.	Being able to explain one's own ideas on ways of solving issues to peoples in different culture and areas, and partially demonstrate leadership in discussion.

## Placement of the Liberal Arts Education in the Major Program

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.

#### Relationships between the evaluation items and class subjects

## Attached Sheet 3

(E) ··· instructed i	n English
----------------------	-----------

				1										Evaluat	ion iten	18					(E) ··	instru	cted in	English <sub>Total</sub>
			Type of				Knowle		Unders		g 3)	(		bilities		lls	3)	(	Con 1)	nprehen	sive Abi 2)		(9)	weighted values of
Subject Classification	Subject Name	Credits	course registrati on	<ul> <li>必修・</li> <li>選択</li> <li>区分</li> </ul>	Grade	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	3) Weighted values of	evaluatio n items in						
			on			evaluation items in the subject	evaluation items	n evaluation items in the subject	evaluation items	evaluation items in the subject	evaluation items	the subject												
Liberal Arts Education	Introductory Seminar for First- Year Students	2	Required	必修	1	the subjec		the subject		the subject	-	the subject		50	1	50	1	the subject		the subject		the subjec	•	100
Liberal Arts Education	Introduction to University Education	2	Required	必修	1	50	1	25	1	25	1													100
Liberal Arts Education Liberal Arts Education	Peace Science Courses Foreign Languages	2	Required Required	必修 必修	1	50	1	25 100	1	25	1													100 100
Liberal Arts Education Liberal Arts Education	Information Courses Area Courses	2 1or2	Required Free elective	必修 選択	1	50	1	25	1	25	1	100	1											100 100
Liberal Arts Education Liberal Arts Education	Health and Sports Courses Social Cooperation Courses	1or2 1or2or	Free elective	選択 選択	1	100	1											25	1	25	1	50	1	100 100
Liberal Arts Education Liberal Arts Education	Foundation Courses Invitation to Integrated Arts and	1or2 2	Free elective Required	選択 必修	1	100	1			50	1					50	1							100
Specialized Education	Sciences Introduction to Integrated Arts and Sciences	2	Required	必修	1					50	1					50	1							100
Specialized Education Multidisciplinary Subjects	Special Study	6	Required	必修	4								_			25	10	25	10	25	10	25	10	100
/Human Studies	World Englishes	1	Free elective	選択	2	25	1					25	1							-		50	1	100
Multidisciplinary Subjects /Human Studies	Foreign Minorities in Japan (E)	1	Free elective	選択	2	50	1					25	1					25	1					100
Multidisciplinary Subjects /Human Studies	Japanese Buddhism (E)	1	Free elective	選択	2	40	1	30	1					30	1									100
Multidisciplinary Subjects /Human Studies	Cognitive Psychology(E)	1	Free elective	選択	2	100	1																	100
	Hinduism and Buddhism in																							
Multidisciplinary Subjects /Human Studies	South Asia (E)	1	Free elective	選択	2	30	1	30	1							40	1							100
Multidicainlinam Subjects																								
Multidisciplinary Subjects /Human Studies	Japanese Arts and Aesthetics (E)	1	Free elective	選択	2	50	1			50	1													100
Multidisciplinary Subjects /Human Studies	New Media and Art(E)	1	Free elective	選択	2	100	1																	100
Multidisciplinary Subjects /Human Studies	Social Psychology (E)	1	Free elective	選択	2	100	1															1		100
Multidisciplinary Subjects /Human Studies	Wonder of Meaning I	1	Free elective	選択	2	50	1	L								25	1	25	1	L		L		100
Multidisciplinary Subjects /Human Studies	Wonder of Meaning II	1	Free elective	選択	2	50	1									25	1	25	1					100
Multidisciplinary Subjects /Human Studies Multidisciplinary Subjects	New Media and Art	1	Free elective	選択	2	100	1	<u> </u>								<u> </u>						<u> </u>		100
Multidisciplinary Subjects /Human Studies Multidisciplinary Subjects	Cognition and Learning I	1	Free elective	選択 2#10	2	100	1																	100
/Human Studies Multidisciplinary Subjects	Cognition and Learning II Introductory Lectures of Human	1	Free elective	選択選択	2	100 25	1			25	1	25	1			25	1							100
/Human Studies Multidisciplinary Subjects	Movement Sciences I Introductory Lectures of Human	1	Free elective	選択	2	25	1			25	1	25 25	1			25	1							100
/Human Studies Multidisciplinary Subjects	Movement Sciences II Japanese Buddhism	1	Free elective	選択	2	40	1	30	1		-		-	30	1		-							100
/Human Studies Multidisciplinary Subjects /Human Studies	Social Psychology	1	Free elective	選択	2	100	1																	100
Multidisciplinary Subjects /Human Studies	Foreign Minorities in Japan	1	Free elective	選択	2	50	1					25	1					25	1					100
Multidisciplinary Subjects /Human Studies	Cognitive Psychology	1	Free elective	選択	2	100	1																	100
Multidisciplinary Subjects /Human Studies Multidisciplinary Subjects	Hinduism and Buddhism in South Asia	1	Free elective	選択	2	30	1	30	1							40	1							100
/Human Studies Multidisciplinary Subjects	Sleep and health Comparative research about arts	1	Free elective	選択	2	25	1			50		25	1			25	1	25	1	-				100
/Human Studies	and aesthetics in Japan	1	Free elective	選択	2	50	1			50	1													100
Multidisciplinary Subjects /Social Studies	Issues in International Sociology (E)	1	Free elective	選択	2																			100
Multidisciplinary Subjects /Social Studies	Topics in History of Science(E)	1	Free elective	選択	2	100	1																	100
Multidisciplinary Subjects	Invitation to World Literature	1	Free election	選択	2	50	1									50	1							100
/Social Studies Multidisciplinary Subjects			Firefulctiv				1										1			-				
/Social Studies	History and Historiography(E)	1	Free elective	選択	2	20	1			20	1	20	1	20	1	20	1							100
Multidisciplinary Subjects /Social Studies	Knowledge of Anthropology(E)	1	Free elective	選択	2	30	1					20	1			20	1	10	1	20	1			100
Multidisciplinary Subjects	Regional Geography of the Seto	1	Free elective	選択	2	40	1					30	1					30	1					100
/Social Studies Multidisciplinary Subjects	Inland Sea					10												00	-					
/Social Studies Multidisciplinary Subjects	Tourism Studies (E)	1	Free elective	選択 2#10	2	100		<u> </u>		40	1	30	1			<u> </u>				30	1			100
/Social Studies Multidisciplinary Subjects	Topics in History of Science Tourism Studies	1	Free elective	選択選択	2	100	1	-		40	1	30	1			-				30	1			100
/Social Studies Multidisciplinary Subjects /Social Studies	Gender Studies I	1	Free elective	選択	2	100	1															-		100
/Social Studies Multidisciplinary Subjects /Social Studies	Gender Studies II	1	Free elective	選択	2	100	1	1								1								100
Multidisciplinary Subjects /Social Studies	History and Historiography	1	Free elective	選択	2	20	1			20	1	20	1	20	1	20	1							100
Multidisciplinary Subjects /Social Studies	Introductory Course in Japanese Social Policies I	1	Free elective	選択	2	50	1					50	1							<u> </u>				100
Multidisciplinary Subjects /Social Studies Multidisciplinary Subjects	Introductory Course in Japanese Social Policies II	1	Free elective	選択	2	50	1	<u> </u>				50	1											100
/Social Studies Multidisciplinary Subjects	Chinese Traditional Culture I	1	Free elective	選択選択	2	40 40	1	30 30	1					30 30	1					-				100
/Social Studies Multidisciplinary Subjects	Chinese Traditional Culture II Environmental issues and social	1	Free elective	選択選択	2	40	1	- 30	1	40	1			30 20	1	-								100
/Social Studies Multidisciplinary Subjects /Social Studies	movemant Issues in International Sociology	1	Free elective	選択	2	100	1	-								-				-		-		100
Multidisciplinary Subjects /Social Studies	Knowledge of Anthropology	1	Free elective	選択	2	30	1					20	1			20	1	10	1	20	1			100
Multidisciplinary Subjects /Social Studies	Rural society, culture and natural resource management	1	Free elective	選択	2	25	1			25	1	25	1							25	1			100
Multidisciplinary Subjects /Natural Studies	Climate Change	1	Free elective	選択	3	100	1																	100
Multidisciplinary Subjects /Natural Studies	Frontiers of Material Science	1	Free elective	選択	3	50	1			50	1													100
Multidisciplinary Subjects /Natural Studies	Fundamentals of Life Science	1	Free elective	選択	2	60	1			20	1			10	1			10	1					100
Multidisciplinary Subjects /Natural Studies	Ecology and Society	1	Free elective	選択	2	50	1			50	1													100
Multidisciplinary Subjects /Natural Studies	Environmental Science in Catchment Areas	1	Free elective	選択	2	50	1					25	1	25	1									100
Multidisciplinary Subjects /Natural Studies	Natural Histories and Sciences	1	Free elective	選択	2	25	1			25	1									50	1			100
Multidisciplinary Subjects /Natural Studies	Earth Environmental Chemistry I	1	Free elective	選択	2	50	1	L				25	1	25	1	L				L		L		100
Multidisciplinary Subjects /Natural Studies	Environment and Ecology	1	Free elective	選択	2	50	1			50	1													100

									l Under				Α	Evaluat bilities	and Ski	lls				prehen				Total weighted
Subject Classification	Subject Name	Credits	Type of course registrati	必修• 選択 区分	Grade		1)		2) Weighted values of		3) Weighted values of		1) Weighted values of	(	2) Weighted values of		3) Weighted values of		1) Weighted values of		2) Weighted values of		3) Weighted values of	values of evaluatio
			on	12.77		evaluation items in	values of evaluation items	evaluation items in	values of evaluation items	evaluatior items in		evaluation items in	values of evaluation items	evaluatior items in	values of evaluation items	n items in the								
Multidisciplinary Subjects	Fundamentals of Biochemistry I	1	Free elective	選択	2	the subject		the subject	t	the subjec	1	the subject		the subjec	t	subject 100								
/Natural Studies Multidisciplinary Subjects /Natural Studies	Fundamentals of Biochemistry II	1	Free elective	選択	2					100	1													100
Multidisciplinary Subjects /Natural Studies	Biodiversity and Ecology I	1	Free elective	選択	2	50	1			50	1													100
Multidisciplinary Subjects /Natural Studies	Biodiversity and Ecology II	1	Free elective	選択	2	50	1			50	1													100
Multidisciplinary Subjects /Natural Studies Multidisciplinary Subjects	Thermodynamics I	1	Free elective	選択	2	70	1							30	1									100
/Natural Studies Multidisciplinary Subjects	Thermodynamics II Introduction to Modern Physics	1	Free elective	選択選択	2	70 70	1							30 30	1									100
/Natural Studies Multidisciplinary Subjects	Organic Structure Analysis I	1	Free elective	選択	2	80	1							10	1					10	1			100
/Natural Studies Multidisciplinary Subjects /Natural Studies	Organic Structure Analysis II	1	Free elective	選択	2	80	1							10	1					10	1			100
Specialized Education Specialized Education	SeminarIn Art History	2	Free elective	選択 選択	2	40 25	1			30	1	30 25	1							50	1			100 100
Specialized Education	Comparative Study of Arts and Culture	2	Free elective	選択	2	20	1	20	1			20	1	20	1					20	1			100
Specialized Education Specialized Education	Modern Thought Aesthetics and Science of Art	2	Free elective	選択 選択	2	25 50	1			50	1			25	1			25	1	25	1			100 100
Specialized Education Specialized Education	Comparative Study of Social Culture	2	Free elective	選択 選択	2	30 25	1	30	1	07	1					25	1	20	1	20	1			100 100
Specialized Education Specialized Education Specialized Education	British Society Studies Seminar on British Society Comparative Civilization	2 2 2	Free elective	選択 選択 選択	2 3 2	25 25	1	25	1	25 40	1	25	1	25	1	25 25	1	60	1					100 100 100
Specialized Education Specialized Education	Life Ethics Comparative Philosophy A	2 2	Free elective Free elective	選択選択	2 2 2	25	1			40	1			25	1			60 25	1	25	1			100
Specialized Education	Seminar in Art and Culture Advanced Lecture on Humanities	2	Free elective	選択	2	20	1							20	1	50	1	50	1	20				100
Specialized Education	and the Study of Culture Seminar in Comparative	2	Free elective	選択選択	2			100	1					40	1					60	1	-		100
Specialized Education Specialized Education	Civilization Seminar in Ethics	2	Free elective	選択	3			<u> </u>						40	1					60	1	<u> </u>		100
Specialized Education Specialized Education	Philosophy of Creating Culture Comparative Philosophy B	2	Free elective	選択選択	2 3	20	1			50 20	1	50	1	20	1	20	1			20	1			100
Specialized Education Specialized Education	Seminar in Modern Thought Western Art History	2	Free elective	選択 選択	3	10 20	1			20	1	10 20	1	10 20	1	10	1	20	1	20 20	1	20	1	100
Specialized Education Specialized Education Specialized Education	Seminar in Aesthetics Art Seminar in Comparative Seminar in Modern Culture	2 2 2	Free elective Free elective Free elective	選択 選択 選択	2 3 3	10	1			25	1	10	1	25 10	1	25 10 50	1 1 1	20	1	25 20 50	1 1	20	1	100 100 100
Specialized Education Specialized Education	Comparative Thought Seminar in Comparative Thought	2 2 2	Free elective	選択選択	2	25 25	1	25 25	1					25 25	1	00	-			25 25	1			100
Specialized Education	Theories of Religious Studies - Comparative Religion	2	Free elective	選択	2	30	1	30	1			L				40	1					L		100
Specialized Education Specialized Education	Introduciton to Linguistics English Corpus Linguistics	2	Free elective	選択 選択	2	40 20	1			30 20	1	30 50	1			5	1	5	1					100 100
Specialized Education	Seminar in Modern English Usage	2	Free elective	選択	2	20	1			25	1	50	1					5	1					100
Specialized Education Specialized Education	Syntax Semantics	2	Free elective Free elective Free elective	選択 選択	2	50 50	1									25 25	1	25 25	1					100
Specialized Education Specialized Education	Seminar in English Debate French Linguistics	2	Free elective Free elective	選択選択	2	50	1	50 50	1			20	1			50	1			20			1	100
Specialized Education Specialized Education Specialized Education	Modern Chinese Usage Modern German Usage	2 2 2	Free elective Free elective	選択 選択 選択	2 2 2	25 40	1	25 50	1			30 25 30	1 1	30	1					20	1		1	100 100 100
Specialized Education	Chinese Language Teaching Pragmatics Seminar in the Art of English	2	Free elective	選択	3	40	1					30	1	30	1					30	1			100
Specialized Education	japanese Simultaneous Interpretation I	2	Free elective	選択	3			50	1													50	1	100
Specialized Education Specialized Education	Romance Linguistics I Lexicology	2	Free elective	選択 選択	3	30 20	1	70 20	1					35	1					25	1			100 100
Specialized Education	Introduction to Phonetics and Phonology Seminar in the Art of English <sup>-</sup>	2	Free elective	選択	3	40	1			30	1					30	1							100
Specialized Education	japanese Simultaneous Interpretation II	2	Free elective	選択	3			50	1													50	1	100
Specialized Education	Seminar on Contrastive Linguistics A	2	Free elective	選択	2					50	1					25	1					25	1	100
Specialized Education Specialized Education	Seminar in French Linguistics Seminar on Contrastive	2	Free elective	選択 選択	3	40	1	30 40	1			30	1							30 30	1			100 100
Specialized Education	Linguistics B Romance Linguistics II	2	Free elective	選択選択	2	30	1	70	1			50	-							20	-			100 100
Specialized Education Specialized Education Specialized Education	Linguistic Fieldwork Language and Thought I	1	Free elective	選択選択	2 2 2	30 50 50	1	25 25	1				1	25 25	1					20	-			100 100
Specialized Education	Language and Thought II Foreign Language Acquisition and Communication I	1	Free elective	選択	2	25	1	20				25	1	20	1					50	1			100
Specialized Education	Foreign Language Acquisition and Communication II	1	Free elective	選択	2	25	1					25	1							50	1			100
Specialized Education Specialized Education	Biological Psycology Psychological Statistics	2	Free elective Free elective	選択 選択	2	100	1					40	1	30	1	30	1							100 100
Specialized Education Specialized Education	Adaptation Phycology Fundamental Laboratory Work in Palamianal Spinners	2	Free elective	選択 選択	2	100	1					40	1	30	1	30	1							100 100
Specialized Education	Behavioral Sciences Experimental Methods in Behavioral Sciences	1	Free elective	選択	2	L		L				40	1	30	1	30	1					L		100
Specialized Education Specialized Education	Cognitive and behavioral science Emotion and Personality	2	Free elective	選択 選択	2	100 100	1																	100 100
Specialized Education Specialized Education	Practicum in Behavioral Sciences Sleep Psychology	1 2	Free elective Free elective	選択 選択	2	100	1					40	1	30	1	30	1							100 100
Specialized Education Specialized Education	Social Behavioral Sciences Cognitive Neuroscience	2	Free elective Free elective	選択 選択	2	100 100	1																	100 100
Specialized Education Specialized Education	Neuro <sup>-</sup> and Physiological Psychology Group Dynamics	2	Free elective	選択 選択	3	100 100	1	<u> </u>				<u> </u>		<u> </u>		<u> </u>						<u> </u>		100 100
Specialized Education Specialized Education Specialized Education	Stress science Laboratory Work in Psychology A	2 2 1	Free elective Free elective	選択 選択 選択	3	100	1					40	1	30	1	30	1							100 100 100
Specialized Education	Laboratory Work in Psychology B Experimental Methods in	1	Free elective	選択	3	-		-				40	1	30	1	30	1					-		100
Specialized Education Specialized Education	Psychology A Experimental Methods in	1	rree elective	選択選択	3	<u> </u>	-					40 40	1	30 30	1	30 30	1			-				100
Specialized Education	Psychology B Research Methods in Psychology Sominar on Original Toxtoln	2	Free elective	選択	3	<u> </u>		25	1			25	1	25	1	25	1							100
Specialized Education	Seminar on Original TextsIn Behavioral Science Experimental Methods in	2	Free elective	選択	3	<u> </u>		25	1			25	1	25	1	25	1							100
Specialized Education Specialized Education	Psychology C Experimental Methods in	1	Free elective	選択選択	3			-				15	1	15	1	25 25	1	15 15	1	15	1	15 15	1	100
Specialized Education	Psychology D Laboratory Work in Psychology C	1	Free elective	選択	3							15	1	15	1	25	1	15	1	15	1	15	1	100
Specialized Education Specialized Education	Laboratory Work in Psychology D Topics in Behavioral Science	2	Free elective Free elective	選択 選択	3	50	1	50	1			15	1	15	1	25	1	15	1	15	1	15	1	100 100
Specialized Education Specialized Education	Advanced Seminar on Original TextsIn Behavioral Science Heallth and Welfare	2	Free elective	選択 選択	4	25	1	25	1	25	1	25 25	1	25	1	25 25	1							100 100
Specialized Education	Health and Welfare Special Lecture in Sports and Health Sciences	2	Free elective	道択 選択	2	25 25	1	L		25 25	1	25	1	L		25 25	1					L		100
Specialized Education Specialized Education	Sport Psychology Exercise and Environmental	2	Free elective	選択 選択	2	25 25	1			25 25	1	25 25	1			25 25	1							100
Specialized Education Specialized Education	Physiology Biomechanical Analysis of	2	Free elective	選択選択	3	25 25	1			25 25	1	25 25	1			25 25	1							100
Specialized Education	Human Movement Sociology of Sport	2	Free elective	選択	2	25	1			25	1	25	1	-		25	1							100
Specialized Education	Experimental methodsIn Sport and Health Sciences A Laboratory Work in Sport and	1	Free elective	選択	3	25	1			25	1	25	1			25	1							100
Specialized Education	Health Sciences A Experimental methodsIn Sport	1	Free elective	選択選択	3	25 25	1			25 25	1	25 25	1			25 25	1							100 100
Specialized Education Specialized Education	and Health Sciences B Laboratory Work in Sport and	1	Free elective	· 選択	3	25 25	1			25 25	1	25	1			25	1			-				100
Specialized Education Specialized Education	Health Sciences B Human Motor Control Muscle Physiology	2	Free elective	選択 選択	3	40 40	1			30 30	1	15 15	1			15 15	1							100
Specialized Education Specialized Education	SeminarIn Sport and Health Sciences A	2	Free elective	選択	3	25	1			25	1	25	1			25	1			1				100
Specialized Education	Sports Medicine	2	Free elective	選択	3	25	1			25	1	25	1			25	1							100

			l'ype of course	必修·		(	1)	(	(2)		(3)		1)		and Sk (2)		(3)		(1)		2)	(	(3)	weight values
Subject Classification	Subject Name		gistrati on	選択 C 区分	rade	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluatior	Weighted values of evaluation	values of	Weighted values of evaluatio	Weighted values of n evaluation	Weighted values of evaluation	values of	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	evalua n items				
					0	items in the subject	items	items in the subjec	items	items in the subjec	items t	items in the subject	items	items in the subjec	items	items in the subjec	items t	items in the subjec	items	items in the subject	items	items in the subject	items	the subject
Specialized Education Specialized Education	Management of Sport(lec.) Coaching Theory(lec.) SeminarIn Sport and Health	2 Fr	ve elective ve elective	選択 選択	3 3	25 25	1			25 25	1	25 25	1			25 25	1			-				100
Specialized Education	SeminarIn Sport and Health Sciences B SeminarIn Sport and Health	2 Fr	ve elective	選択 2010	3	10	1			10	1	10	1	-		10	1	30	1	30	1			100
Specialized Education Specialized Education	Sciences C Philosophy of Sport	4	ve elective ve elective	選択 選択	3 3	10 25	1			10 25	1	10 25	1			10 25	1	30	1	30	1			100
Specialized Education Specialized Education	Introduction to Life Sciences Fundamental Cell Biology	~	ve elective ve elective	選択 選択	2 2	80 80	1							10 10	1					10 10	1			100
Specialized Education	Fundamental Laboratory Work in Chemistry Fundamental Methodology in	1 Fr	ve elective	選択	2											100	1							100
Specialized Education Specialized Education	Chemistry Biophysical Chemistry	1 Fr 2 Fr	ee elective	選択 選択	2	80	1			10	1			5	1	100	1			5	1			100
Specialized Education Specialized Education	Cell Motility Biochemistry Laboratory Work III Life Sciences	ĩ	ue elective ue elective	選択 選択	2 2	80	1			100	1			10	1					10	1			100 100
Specialized Education Specialized Education	Practical Methods in Life	1 Fr 1 Fr	ve elective	選択 選択	2	40 70	1							10 15	1	20	1			30 15	1			100
Specialized Education	Sciences A molecular physiology Laboratory work in Line Sciences	2 Fr	ve elective ve elective	選択	2	80	1									20	1							100
Specialized Education Specialized Education	P Practical Methods in Life Sciences B	1 Pr 1 Pr	ve elective ve elective	選択 選択	2 2	40 70	1							10 15	1	20	1			30 15	1			100
Specialized Education Specialized Education	Brain Function Molecular Developmental Biology	2 Fr 2 Fr	ue elective ue elective	選択 選択	3 3	80 80	1							10 10	1	-				10 10	1			100
Specialized Education Specialized Education	Molecular Cell Biology I Molecular Cell Biology II	1 Fr	ue elective ue elective	選択 選択	3 3	90 90	1							5 5	1					5 5	1			100
Specialized Education Specialized Education	Neurophysiology Laboratory work in Life Sciences	-	ue elective ue elective	選択 選択	3 3	80	1							10	1	100	1			10	1			100
Specialized Education	Practical Methods in Life Sciences C Laboratory Work in Life Sciences	1 57	ue elective	選択	3											100	1							100
Specialized Education Specialized Education	Practical Methods in Life	1 Fr 1 Fr	ue elective ue elective	選択 選択	3	40 70	1							15	1	30	1			30 15	1			100
Specialized Education	Sciences D Special Topics in Life Sciences A Special Topics in Life Sciences C	1 Fr	ue elective ue elective	選択 選択	3 3	80 80	1			10 10	1									10 10	1			100
Specialized Education Specialized Education	Lecture and Laboratory courseIn Marine Biology	-	ue elective	選択	3	80 70	1			10						10	1			20	1			100
Specialized Education Specialized Education	Special Topics in Life Sciences B Special Lecture in Life Sciences D	1 Fr	ve elective ve elective		3 3	80 80	1			10 10	1									10 10	1			100
Specialized Education Specialized Education	Foundation of Date Analysis Computer Fundamentals	2 Fr	ve elective ve elective	選択 選択	2	50 50	1					20	1	30 50	1									100
Specialized Education Specialized Education	Seminar in Mathematics Seminar in Mathematics II	1 Fr	ve elective ve elective	選択 選択	3	50 50	1							50 50	1									100
Specialized Education Specialized Education	Programming Techenique Differential Equations	2 Fr	ve elective ve elective	選択 選択	2	25 50	1			25	1			25 50	1					25	1			100
Specialized Education Specialized Education	Information Statistics Function Theory Translam and Crank Theorem	2 Fr	ve elective ve elective ve elective	選択 選択	2	50 100	1			<u> </u>		-		50	1							<u> </u>		100
Specialized Education Specialized Education Specialized Education	Topology and Graph Theory Information Theory Algebra	2 2 Fr	ve elective ve elective ve elective	選択 選択 選択	2 3 3	100 50 50	1 1			-		-		25 50	1					25	1			100 100
Specialized Education Specialized Education Specialized Education	Algebra Geometry Theory of Stochastic Processes	2 Fr	ue elective ue elective ue elective	選択 選択 選択	3	40 40	1 1			30	1			30 30	1 1			30	1					100
Specialized Education Specialized Education	Topics in Mathematical and Information Sciences I	2 Pr	ue elective	選択	3	40 50	1			- 30	1			50	1									100
Specialized Education	Mathematical Analysis Topics in Mathematical and		ee elective	選択	3	50	1							50	1									100
Specialized Education Specialized Education	Information Sciences II Introduction to Algebra	2 Fr 2 Fr	ue elective ue elective	選択 選択	3 2	50 50	1							50 50	1									100
Specialized Education	Practice in Introduction to Geometry	2 Fr	ee elective	選択	2	50	1							50	1									100
Specialized Education Specialized Education	Discrete Mathematics I Discrete Mathematics II	2 Fr	ue elective ue elective	選択 選択	2	50 50	1							50 50	1									100
Specialized Education Specialized Education	Data Mining	2 Fr 2 Fr	ue elective ue elective	選択 選択	2 2	50 50	1					25 25	1	25 25	1									100
Specialized Education	Artificial Intelligence and Machine Learning	2 Fr	ee elective	選択	2	100	1								-									100
Specialized Education Specialized Education	Computational Science Exercise of Programming	2 Fr 2 Fr	ve elective ve elective	選択 選択	2 2	50 25	1			25	1	50	1	50	1			-						100
Specialized Education	Introduction to Computer Science	2 Fr	ve elective	選択	2	100	1																	100
Specialized Education	Data structure and Algorithm English Seminar in Computer	2 Fr	ve elective	選択	3	100	1																	100
Specialized Education	Science Laboratory Work in Computer	2 Fr	ee elective	選択 2#10	3	25	1	25	1	25	1	50 25	1			25 25	1							100
Specialized Education Specialized Education	Science I Laboratory Work in Computer	1 5	ve elective	選択	3	25	1			25	1	25	1			25	1							100
Specialized Education	Science II Electromagnetism I		ve elective ve elective	選択	2	70	1				-		-	30	1									100
Specialized Education Specialized Education	Seminar in Physical Sciences I Fundamental Laboratory Work in Physics	2 Fr 1 Fr	ue elective	選択 選択	2									50 50	1	50 50	1							100
Specialized Education	Basic Experimental Methods for Physics	1 57	ee elective	選択	2							100	1											100
Specialized Education Specialized Education	Introduction to Physical Sciences Electromagnetism II	2 Fr 2 Fr	ee elective ee elective	選択 選択	2 2	70 70	1							30 30	1									100
Specialized Education Specialized Education	Seminar in Physical Sciences II Quantum Mechanics I	-	ue elective ue elective	選択 選択	2 2	70	1							50 30	1	50	1							100
Specialized Education	Laboratory Work in Material Sciences A	1 50	ee elective	選択	2									50	1	50	1							100
Specialized Education	Experimental Methods for Materials Sciencs A Laboratory Work in Material	1 Pr	ue elective	選択	2							100	1											100
Specialized Education	Laboratory Work in Material Sciences B Experimental Methods for	1 Pr	ve elective	選択	2									50	1	50	1							100
Specialized Education Specialized Education	Materials Science B Statistical Physics I		ve elective ve elective	選択 選択	2 3	70	1					100	1	30	1									100
Specialized Education Specialized Education	Seminar in Quantum Mechanics I Quantum Mechanics II	2 Fr 2 Fr	ve elective ve elective	選択 選択	2	70	1							50 30	1	50	1							100
Specialized Education	Laboratory Work in Material Sciences C	1 50	ve elective	選択	3									50	1	50	1							100
Specialized Education	Experimental Methods for Materials Sciencs C Laboratory Work in Material	1 Pr	ve elective	選択	3							100	1	-										100
Specialized Education	Experimental Methods for	1 Fr	ve elective	選択	3									50	1	50	1							100
Specialized Education Specialized Education	Materials Science D Advanced Lecture on Physical	1 Fr 1 Fr	ve elective	選択 選択	3 3	100	1			-		100	1	-		-				<u> </u>	-			100
Specialized Education Specialized Education	Sciences A Advanced Lecture on Physical	1 Pr	ve elective	選択	3	100	1							-										100
Specialized Education	Sciences B Statistical Physics II	2 Fr	ve elective	選択	3	70	1					-		30	1									100
Specialized Education Specialized Education	Solid State Physics I Seminar in Quantum Mechanics	2 Fr 2 Fr	ve elective ve elective	選択 選択	3 3	70	1			-				30 50	1	50	1							100
Specialized Education	Advanced Lecture on Physical Sciences C	1 Fr	ve elective	選択	3	100	1																	100
Specialized Education	Advanced Lecture on Physical Sciences D	1 %	ve elective	選択	3	100	1																	100
Specialized Education	Physics of Complex Liquids and Soft Matters Solid State Physics II	2 Fr	ve elective	選択 漫却	4	70 70	1					<u> </u>		30	1									100
Specialized Education Specialized Education	Solid State Physics II Quantum Information	2 Fr 2 Fr	we elective we elective	選択 選択	4	70 70	1			<u> </u>		-		30 30	1							<u> </u>		100
Specialized Education Specialized Education	Environmental Analytical Chemistry Environmental Geology	~	ve elective ve elective	選択 選択	2 2	50 50	1			50	1	25	1	25	1									100
Specialized Education	Environmental Geology Rhizosphere Science Shipboard Exercise for Natural	2 Fr	ue elective ue elective	選択	2	50	1			25	1	25	1	<u> </u>		-						-		100
Specialized Education Specialized Education	Environment Studies	1 Fr 2 Fr	ve elective ve elective	選択 選択	22	50 25	1			25	1	25 25	1	25 25	1	-								100
Specialized Education	Evolutionary Genetics Fundamental Laboratory Work in	2 Fr	ve elective	選択	2	50	1					50	1											100
Specialized Education Specialized Education	Geology Practical Methods in Geology	1 Pr 1 Pr	ve elective ve elective	選択 選択	2 2	50 50	1					25 25	1	25 25	1					L				100
Specialized Education Specialized Education	Global Environmental Change Plant Environmental Physiology Earth Environmental Chemistry	-	ve elective ve elective	選択 選択	2 2	50 50	1			25 50	1			25	1									100 100
Specialized Education	Earth Environmental Chemistry		ve elective	選択 選択	2 2	50 50	1			50	1	25	1	25	1			1		-		1		100

					1								I	Evaluati	ion iten	18								Total
			Type of	必修·		(	Knowle 1)		Unders 2)		g 3)	(	Al 1)	oilities a	and Ski 2)		3)	(	Com 1)	prehens (	sive Abi 2)		(3)	weighted values of
Subject Classification	Subject Name	Credits	course registrati on	選択区分	Grade	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	Weighted values of evaluation	evaluatio n items ii				
						items in the subject	items	items in the subject	items	evaluation 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	the subject
Specialized Education	Laboratory Work in Natural Environmental Sciences A	1	Free elective	選択	2	25	1					25	1	25	1	25	1							100
Specialized Education	Practical Methods in Natural Environmental SciencesA	1	Free elective	選択	2	25	1					25	1	25	1	25	1							100
Specialized Education	Fundamental Laboratory Work in Biology Fundamental Methodology in	1	Free elective	選択	2	50	1					25	1	25	1									100
Specialized Education Specialized Education	Biology Atmosphere vegetation	1 2	Free elective	選択 選択	2	50 50	1			50	1	25	1	25	1									100
Specialized Education Specialized Education	Sabo Engineering Environmental Microbiology	2	Free elective Free elective	選択 選択	3	50 50	1			25	1	50 25	1											100 100
Specialized Education Specialized Education	Hydrology Quarternary Environment	2	Free elective Free elective	選択 選択	3	25 50	1			25	1	25 25	1	25	1			25	1					100 100
Specialized Education	Laboratory Work in Natural Environmental Sciences B Practical Methods in Natural	1	Free elective	選択	3	20	1					20	1	20	1	20	1			20	1			100
Specialized Education	Environmental SciencesB Introduction to	1	Free elective	選択	3	20	1					20	1	20	1	20	1			20	1			100
Specialized Education Specialized Education	environmentalImpact evaluation Environmental Mineralogy	2	Free elective	選択 選択	3	50 50	1			50	1	50	1											100 100
Specialized Education	Laboratory Work in Natural Environmental Sciences C	1	Free elective	選択	3							25	1	25	1	25	1			25	1			100
Specialized Education Specialized Education	Practical Methods in Natural Environmental SciencesC SeminarIn Natural Environment	1 2	Free elective	選択 選択	3							25 10	1	25 10	1	25 20	1	20	1	25 20	1	20	1	100
Specialized Education	Special Lecture on Environmental Sciences	2	Free elective	選択	3	50	1					25	1	25	1									100
Specialized Education	Physical Chemistry of Materials and Environmental Application	2	Free elective	選択	3	50	1					25	1	25	1									100
Specialized Education Specialized Education	Environmental Risk Management Europrean Philosophical Thought	2	Free elective Free elective Free elective	選択 選択	2	30 50	1			30	1	20	1	20 25	1					25	1			100
Specialized Education Specialized Education	History of Japanese Culture East Asian History Area Studies A	2 2 2	Free elective	選択 選択 選択	2 2 2	50 30 50	1 1	25	1	30	1	50 40 25	1 1							<u> </u>				100 100 100
Specialized Education Specialized Education Specialized Education	Area Studies A Area Studies B Japanese Area Studies	2 2 2	Free elective Free elective	選択 選択 選択	2 2 2	20	1	25	1	70	1	30	1	30	1	-				30	1	-	<b> </b>	100 100
Specialized Education Specialized Education	Special Topics in Area Studies A Special Topics in Area Studies B	2 2 2	Free elective	選択選択	2 2	50 50	1	25 25	1			25 25	1 1					<u> </u>						100
Specialized Education Specialized Education	German Culture Korean Culture	2 2	Free elective Free elective	選択選択		40	1	100	1	30	1	30	1			L-				<u> </u>		L-		100
Specialized Education	Society in the English speaking world	2	Free elective	選択	2	10	1	40	1		-	15	1			15	1			20	1			100
Specialized Education Specialized Education	Seminar on society in the English speaking world Medical Anthropology	3	Free elective	選択 選択	3	20 20	1	20	1	20	1	20	1	20	1	20 20	1			20 20	1			100 100
Specialized Education	Medical Anthropology Medical Anthropology Seminar Modern Japanese Culture and	2	Free elective	選択	3	25	1			20	1			20 25	1	20 50	1	<b> </b>					<b> </b>	100
Specialized Education Specialized Education	Literature Contemporary Chinese Culture	2	Free elective	選択選択	2	20	1	20 30	1			30	1			30	1			30	1	<u> </u>		100
Specialized Education	and Literature Social and Cultural History of	2	Free elective	· 選択 選択	2			30 40	1			30	1			30	1			40	1	30	1	100
Specialized Education	East Asia European History	2	Free elective	選択	2	30	1		1	20	1	30	1	20	1							00		100
Specialized Education Specialized Education	American Society Seminar in German Culture Postcolonialism	2	Free elective	選択 選択 選択	2 3 3	40	,	100	1	30	1	100 30	1							<u> </u>				100 100 100
Specialized Education Specialized Education	Seminar in German Current Events and Culture	2	Free elective	選択	3	40	1	80	1	30	1	30	1			20	1							100
Specialized Education	Seminar in British literature and Social Thought	2	Free elective	選択	3					20	1					40	1			40	1			100
Specialized Education Specialized Education	Seminar on Culture of Taiwan SeminarIn Social and Cultural	2	Free elective	選択選択	3			30 35	1							30 35	1			40	1	30	1	100
Specialized Education	History of East Asia Seminar in European History Seminar in Modern Japanese	2	Free elective	選択	3			30	1			25	1			25	1	20	1	<u> </u>				100
Specialized Education Specialized Education	Culture and Literature French Civilization	2	Free elective	選択 選択	3	20	1	20 50	1			20	1			20	1			20 50	1			100
Specialized Education	Seminar in Traditional Chinese Culture	2	Free elective	選択	3	60	1	00				40	1							00				100
Specialized Education	Seminar in Japanese Cultural History	2	Free elective	選択	3	50	1									50	1							100
Specialized Education Specialized Education	Seminar in East Asian History Text Culture	2	Free elective Free elective	選択 選択	3	50	1			40	1	30	1	30	1					50	1			100
Specialized Education Specialized Education	Biblical Studies Study of Euro-American Cultural Contact	2	Free elective	選択 選択	2	25	1			50	1			25 40	1					50 10	1			100
Specialized Education	Sociology of educationInIts relation to power	2	Free elective	選択	2							50	1							50	1			100
Specialized Education Specialized Education	British and American Literature Seminar in Comparative Culture	2	Free elective Free elective	選択 選択	2	25	1	50 50	1			25	1			50	1							100 100
Specialized Education Specialized Education	Urban Culture Urban Social History	2	Free elective Free elective	選択 選択	2	40 30	1					30	1	30	1					30 40	1			100
Specialized Education Specialized Education	Introduction to Cultural Studies Gender and Cultures	2	Free elective Free elective	選択 選択	2 2	60	1			20	1	100	1			20	1							100 100
Specialized Education	Seminar on Development Policy and Science Seminar in British and American	2	Free elective	選択	2	30	1									30	1			40	1			100
Specialized Education Specialized Education	Literature Comparative Literature	2	Free elective	選択 選択	3			50 50	1			25	1			25 50	1			<u> </u>				100
Specialized Education Specialized Education	Seminar in Urban Culture Seminar in Urban Social History	2	Free elective	選択 選択	3	40 30	1			30	1			30	1					30	1	40	1	100 100
Specialized Education Specialized Education	Seminar on Cultural Studies Seminar on Cultural StudiesII Seminar on Document	1	Free elective	選択 選択	3	20 20	1			30 30	1					50 50	1			<u> </u>				100 100
Specialized Education Specialized Education	Sociology of migration	2	Free elective	選択選択	3	25	1			50	1	25	1			<u> </u>		25	1	25 50	1	<u> </u>		100 100
Specialized Education	andIntegration SeminarIn Study of Euro <sup>.</sup> American Cultural Contact	2	Free elective	選択	3	<u> </u>				20	1	50	1			-				1		30	1	100
Specialized Education Specialized Education	Seminar in Biblical Studies Cultures and Boundaries I	2	Free elective	選択 選択	32	20 50	1					20	1			20	1	-		40 50	1		<u> </u>	100 100
Specialized Education Specialized Education	Cultures and Boundaries II British Society Studies	1 2	Free elective Free elective	選択 選択	2	50 25	1	25	1	25	1					25	1			50	1			100
Specialized Education Specialized Education	Seminar on British Society Comparative History of	2	Free elective	選択 選択	3 2	25 50	1	20	1	10	1	25	1	25	1	25 20	1			<u> </u>				100 100
Specialized Education Specialized Education	contemporaryIndustrial theory Religious and Political Society	2 2	Free elective	選択 選択	2 2	25 25	1 1	25 25	1	50	1	25	1	25	1									100 100
Specialized Education Specialized Education	Special Lecture on Social Environment A Socialogy of Walfare Socialogy	2	Free elective	選択 選択	2	50 50	1					50 50	1			<u> </u>		<u> </u>		<u> </u>		<u> </u>		100
Specialized Education	Sociology of Welfare Socielogy International Developmental Studies in Sociological Method	2 2 2	Free elective Free elective	選択 選択 選択		50 50 30	1 1					50 50	1	30	1	<u> </u>		<u> </u>		40	1	<u> </u>	<u> </u>	100 100 100
Specialized Education Specialized Education Specialized Education	Studies in Sociological Method Regional Sociology Social Dynamics	2 2 2	Free elective Free elective	選択 選択 選択	2 2 2	30 30 50	1 1 1					50	1	30 30	1	-		40	1	-10	1	-	<b> </b>	100 100
Specialized Education	Modern Legal Policy Special Lecture on Social	2	Free elective	選択	2	30	1					30	1			<u> </u>		<u> </u>		40	1	<u> </u>		100
Specialized Education Specialized Education	Environment B Third Sector Reserch	2	Free elective	選択 選択	2	50	1					50	1			F		30	1	30	1	40	1	100
Specialized Education Specialized Education	Peace Studies Media Studies	2	Free elective	選択 選択	2 3	30 50	1							30	1	25	1			40 25	1			100 100
Specialized Education Specialized Education	Seminar in the Science Studies Seminar in Welfare Sociology	2	Free elective	選択 選択	3	25 30	1					30	1			25 40	1			<u> </u>		50	1	100
Specialized Education Specialized Education	Seminar in Modern Technology Seminar in International	2	Free elective	選択 選択	3	30	1			50	1					40 50	1	30	1	<u> </u>				100
Specialized Education	Development Practical Seminar on Social Research MethodI	2	Free elective	選択	3	30								30				40		1		-		100
Specialized Education	seminarIn contemporaryIndustrial theory	2	Free elective	選択	3	25	1	15	1	15	1	15	1	15	1	15	1							100
Specialized Education	Seminar in Studies in Sociological Method	4	Free elective	選択	3	30	1			_						30	1			40	1			100
Specialized Education Specialized Education	Seminar in Regional Sociology Seminar in Social Dynamics	2 2	Free elective	選択 選択	3	30 50	1					50	1	30	1					40	1			100 100
	Seminar on Special	2	Free elective	選択	3	50	1									50	1	L						100 100
Specialized Education	TopicsInInternationl Law Seminar in Modern Legal Society	9	Free electiv-	湛和	3												1			40				
	TopicsInInternationl Law Seminar in Modern Legal Society Practical Seminar on Social Research Method2	2	Free elective	選択 選択	3	30 30	1									30 30	1			40 40	1			100

														Evaluat										Total
			Type of				Knowlee		Unders 2)	standin	g २)	(:		bilities a	and Ski 2)	lls (	3)	(	Com 1)		sive Abi		3)	weighted values of
Subject Classification	Subject Name	Credits	course	<ul> <li>必修・</li> <li>選択</li> <li>区分</li> </ul>	Grade	Weighted	Weighted values of	,	Weighted	Weighted values of	Weighted values of	Weighted values of		6	Weighted	Weighted values of		Weighted values of	1) Weighted values of	Weighted values of	Weighted		Weighted values of	evaluatio
			on	16.77		values of evaluation items in	values of evaluation items	values of evaluation items in	values of evaluation items	values of evaluatior items in	values of evaluation items	evaluation items in	values of evaluation items	evaluation items in	values of evaluation items	values of evaluation items in	values of evaluation items	n items in the						
						the subject	items	the subject	items	the subjec	tems	the subject	items	the subject	items	the subject	items	the subject	items	the subjec	t	the subject	items	subject
Specialized Education	Basic Analysis Method of Social Research Data	2	Free elective	選択	2	50						50												100
Specialized Education	TrendIn Contemporary Society Viewed from the Survey Data	2	Free elective	選択	2	50	1					50	1											100
Specialized Education	Anthropology of differences	2	Free elective	選択 選択	2	25	1					25	1	00						50	1			100
Specialized Education Specialized Education	Ecological Geography of Europe	2	Free elective	道沢 選択	2	40 40	1					20	1	20	1					40 40	1			100
Specialized Education Specialized Education	Environment for Peace Ecological Geography of Japan	2	Free elective	選択 選択	2					100 40	1	30	1							30	1			100
Specialized Education	Seminar in Anthropologyof	2	Free elective	選択	3					20	1	00				40	1			00	-	40	1	100
Specialized Education	Religion and Society Seminar in Japanese Geography	2	Free elective	選択	3	30	1					30	1									40	1	100
Specialized Education	Seminar on Field Research for Area Studies IA	2	Free elective	選択	3					25	1					50	1	25	1					100
Specialized Education	Seminar on Field Research for Area Studies IB	2	Free elective	選択	3					25	1					50	1	25	1					100
Specialized Education	Seminar on Field Research for Area Studies IIA	2	Free elective	選択	3					25	1					50	1	25	1					100
Specialized Education	Seminar on Field Research for	2	Free elective	選択	3					25	1					50	1	25	1					100
Specialized Education	Area Studies IIB Seminar in Anthropology of	2	Free election	選択	3					20	1					40	1			40	1			100
	differences Seminar in Ecological and Social	2									-										-			
Specialized Education Specialized Education	Anthropology	2	Free elective	選択 選択	3			20	1	20	1					40 40	1			40 40	1			100 100
Specialized Education	Seminar in European Geography Special Topics in Social Field	2	Free elective	選択	2			20	1	40	1	20	1			40	1			40	1			100
Specialized Education	Studies Socio-Informatics and Media	2	Free election	選択	2	50	1							20	1			30	1					100
	Studies SeminarIn Socio-Informatics and					00	1							20		10		50				40		
Specialized Education	Media Studies Studies on Community and	2	Free elective	選択	3					20	1					40	1					40	1	100
Specialized Education	Environment	2	Free elective	選択	2	30	1					30	1	<u> </u>		<u> </u>				40	1			100
Specialized Education	Seminar in Studies on Community and Environment	2	Free elective	選択	3					30	1					30	1			40	1			100
Specialized Education	Seminar in eco <sup>-</sup> museum Practical Methods in Natural	2	Free elective	選択	2	20	1									40	1					40	1	100
Specialized Education	Sciences Laboratory Work in Natural	2	Free elective	選択	1					50	1			50	1									100
Specialized Education	Sciences	2	Free elective	選択	1			100	1	50	1			50	1									100
Specialized Education Specialized Education	Advanced English Listening	2	Free elective	選択 選択	2			100 50	1			25	1									25	1	100
Specialized Education	Comprehension English Conversation	2	Free elective	選択	2			50	1	50	1	20	-									20		100
Specialized Education	Intermediate Level SeminarInIntegrated GermanIA	2	Free elective	選択	2			100	1															100
Specialized Education	Intermediate Level	2	Free elective	選択	2			100	1															100
Specialized Education	SeminarInIntegrated GermanIB Seminar onIntermediate German	2	Free elective	選択	2			100	1															100
Specialized Education	conversationI Seminarinintermediate Frenchi	2	Free elective	選択	2			30	1			30	1							40	1			100
Specialized Education	Intermediate Level SeminarInIntegrated FrenchIB	2	Free elective	選択	2			100	1															100
Specialized Education	Intermediate courseIn french	2	Free elective	選択	2			30	1			30	1							40	1			100
Specialized Education	language (first semester) Semmar in Chinese Text writing	2	Free elective	選択	2	50	1					50	1											100
Specialized Education	Seminar in Chinese Listening Comprehension I	2	Free elective	選択	2			100	1															100
Specialized Education Specialized Education	Seminar in Current German	2	Free elective	選択 選択	2 23			100	1															100
Specialized Education	Intermediate Level	2	Free elective	選択	20			100	1															100
Specialized Education	SeminarInIntegrated German2A Intermediate Level	2	Free elective	選択	2			100	1															100
Specialized Education	SeminarInIntegrated German2B Seminar onIntermediate German	2	Research at the	選択	2			100	1															100
Specialized Education	conversation2	2	Free elective	選択	2			30	1			30	1							40	1			100
Specialized Education	Intermediate Level SeminarInIntegrated French2B	2	Free elective	選択	2			100	1															100
Specialized Education	Intermediate courseIn french	2	Free elective	選択	2			30	1			30	1							40	1			100
Specialized Education	language (second semester) Seminar in Chinese Text writing	2	Free elective	選択	2			50	1					50	1									100
Specialized Education	Seminar in Chinese Expository Writing II Seminar in Chinese Conversation	2	Free elective	選択	2			100	1															100
Specialized Education	Advanced English Expository	2	Free elective	選択	2			100	1															100
Specialized Education	Writing	2	Free elective	選択	3			50	1			25	1									25	1	100
Specialized Education	Advanced SeminarIn German Reading ComprehensionI	2	Free elective	選択	3			100	1															100
Specialized Education	Seminar on Advanced German conversationI	2	Free elective	選択	3			100	1															100
Specialized Education	Advanced SeminarIn French Writing	2	Free elective	選択	3			100	1															100
Specialized Education	Advance courseIn french language (first semester)	2	Free elective	選択	3	1		30	1	l		30	1							40	1			100
Specialized Education	Seminar in Chinese Reading	2	Free elective	選択	2			30	1			30	1							40	1			100
Specialized Education	Comprehension I ethicsIn science	2	Free elective	選択	3					30	1							70	1					100
Specialized Education	seminarIn dialogue method Seminar in English for Life	2	Free elective	選択	3									-		30	1			70	1	-		100
Specialized Education	Sciences Seminar in Sports and Health	2	Free elective	選択	3	90	1							5	1					5	1			100
Specialized Education	Scientific English	2	Free elective	選択	3	25	1			25	1	25	1			25	1							100
Specialized Education	Seminar in German Text Writing Advanced SeminarIn German	2	Free elective	選択 ※10	3			100	1			<u> </u>		<u> </u>								<u> </u>		100
Specialized Education	Reading Comprehension 2 Seminar on Advanced German	2	Free elective	選択	3			100	1			<u> </u>												100
Specialized Education	conversation2	2	Free elective	選択	3			100	1					<u> </u>		<u> </u>								100
Specialized Education	Advance courseIn french language (second semester)	2	Free elective	選択	3			30	1			30	1	L						40	1	L		100
Specialized Education	Seminar in Chinese Reading Comprehension II	2	Free elective	選択	3			30	1			30	1							40	1			100
Specialized Education	English for the Physical Science SeminarIn Advanced French Text	2	Free elective	選択	3			50	1			50	1									<u> </u>		100
Specialized Education	Reading	-	Free elective	選択	3			30	1	105		30	1							40	1			100
Specialized Education Specialized Education	Applied Behavioral Sciences Document Management	2	Free elective Free elective	選択 選択	3	25	1			100	1	25	1					25	1	25	1	L		100 100
Specialized Education Specialized Education	Science Studies Environmental Economics	2	Free elective	選択 選択	2	50 50	1	-		-		50	1	25	1			-		25	1			100 100
Specialized Education	History of Environmental Issues	2	Free elective	選択	2	50	1			25	1	30	1			25	1							100
Specialized Education Specialized Education	Brain Science Analysis for Economic	2	Free elective Free elective	選択 選択	3	70 30	1			10	1	30	1							20 40	1			100 100
		2	Free elective	選択	2					100	1													100
Specialized Education	Gender and Academic Disciplines		Rear	288-941	0																			
	Gender and Academic Disciplines Risk Studies Studies of Asia	2 2 2 2	Free elective Free elective Free elective	選択 選択 選択		30	1			30 20	1	30	1	30 40	1					40 40	1			100 100

# Sheet 4

## Curriculum Map of Integrated Arts and Sciences

	Academic achievements	lst g			grade	3rd g	grade	4th g	grade
	Evaluation items	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	Spring semester	Fall semester
		OPeace Science Courses	OPeace Science Courses	OSpecial Education					
	Knowledge and understanding of the	OBasic Courses in University Education	OArea Courses						
	importance and characteristics of each discipline and basic theoretical framework.	⊖Area Courses	⊖Health and Sports Courses						
	nunework.	⊖Health and Sports Courses	○Foundation Courses						
ac		⊖Foundation Courses							
standin	Knowledge and understanding of "Japanese and Japanese culture" and	OPeace Science Courses	OPeace Science Courses	OForeign Languages	OSpecial Education				
	"foreign languages and foreign	⊖Foreign Languages	⊖Foreign Languages	OSpecial Education					
	abilities for communication with	OArea Courses	OArea Courses						
Knowledge		⊖Foundation Courses	○Foundation Courses						
		©Invitation to Integrated Arts and Sciences	©Introduction to Integrated Arts and Sciences	OSpecial Education	Special Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education
	The knowledge and understanding to	OPeace Science Courses	OPeace Science Courses						
	fully recognize the mutual relations and their importance among individual academic diciplines.	OBasic Courses in University Education	OArea Courses						
		OArea Courses	○Foundation Courses						
		⊖Foundation Courses							

	The ability and skills to collect and	OInformation Literacy		OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education
	analyze necessary literature or data among various sources of information on individual academic disciplines.								
	on individual academic disciplines.								
Skills		⊚Introductory Seminar for First-Year Students		OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education
ies and	The ability and skills to specify necessary theories and methods for consideration of issues.								
Abilities									
	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	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial 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			OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education
	based on the ethics in research and subjective intellectual interests, and make planning to solve them.							©Special Study	©Special Study
s									
Abilities	The ability to conduct research		©Introduction to Integrated Arts and Sciences	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education
en	proactively by combining knowledge, understanding, and skills for the tasks, based on flexible creativity and				OInterdisciplinary Subjects	OInterdisciplinary Subjects	OInterdisciplinary Subjects	OInterdisciplinary Subjects	OInterdisciplinary Subjects
Compreh	imagination.							©Special Study	©Special Study
	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
	simply explain one's own ideas on ways of solving issues to people in different culture and areas, and			OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education	OSpecial Education
	demonstrate leadership in discussion.							©Special Study	©Special Study
				Liberal Arts Education Subjects	Specialized Education Subjects	Graduation Thesis	(©)Required (C	D) Elective/required	$(\Delta)$ Free elective