

	Learning Objectives			t year				1 year				lyear			4th		
Category	-D.(Interdisciplinary Innovative Skills) Students	Spring quarter	Summer quarter	Fall quarter	Winter quarter	Spring quarter	Summer quarter	Fall quarter	Winter quarter	Spring quarter	Summer quarter	Fall quarter	Winter quarter	Spring quarter	Summer quarter	Fall quarter	Winter quarter Degree Project 3
Use of knowledge and understanding in practical	can effectively challenge and solve issues by utilizing International Communication Skills,												Degree Project 1		Degree I	Project 2	
	Active Learning Skills, Deep Analytical Skills, Backcast Thinking Skills for the Future, and Practical Collaborative Skills.													ISI Advance	d Seminar 1		nd Seminar 2
						Basic Project for ISI				Project for ISI							
	-C-2-3. (Practical Collaborative Skills) Students	Cross-Cultural							Cross-Culture	al Adjustment 2		*Students may take					
	can establish effective and feasible ways of solving issues and modifying them through collaboration and discussion with people from	Adjustment 1								I Experience A		Experiential courses in a different year or at a					
	diverse backgrounds.									l Experience B		different time from that indicated in their learning plan.					
											have been Present	h (Human and Life Area)					
												(People and Society Area)					
	C-2-2 (Backest Thinking Balls for the Falure) Budderis can make lifetin read map for budderis can make lifetin read map for solving bisses through backcast thinking from an ideal falure, creating social value and makes the solving social value and allowerbox.											(States and Region Area)					
												(Status and Region Area)					
												arch (Area Integrated)	,				
											haue-based Hese						
												[HS]Anthropology A					
								IHSTERNICS and		DESCRIPTION and	(ID)Archaeology B						
Creation of new								[HS]Ethics and Philosophy C	[HS]Literature A	[HS]Ethics and Philosophy B	[ID]Science and Technology A						
knowledge (Evaluation and								[HS]Anthropology B	[HS]Archaeology B	[ID]Archaeology A							
Creation)								[HS]Politics B	(NS)Engineering B	[ID]Geography A							
								[HS]Economics C	(ID)Ethics and Philosophy B	[ID]Geography D							
	-C-2-1.(DeepAnalytical Skills) Students can analyze the root causes and solutions of issues builting different disciplines and perspectives.							[HS]Economics D	(ID)Engineering A	[ID]Area Studies A							
								(NS)Area Studies A	(ID)Design Studies A	[ID]Informatics D							
								[NS]Engineering A	[ID]Ecology A								
			-					(ID)Ethics and Philosophy A			-						
			-					[ID]Geography B			-						
								[ID]Geography C									
								[ID]Mathematics A									
								[ID]Mathematics B									
								[ID]Design Studies B									
										ISI Basic Seminar				-P			
							Lectur	ne series						*The Lecture Series open by the time they graduate	ites on the basis of a stam and are required to submi	p system. Students must o t a final report.	collect at least 15 stamps
										[HS]Language and Communication B							
	C-1-2. (Practical Active Learning Shifts) Bloderis can explore and exquive the converting and distinct measures for closed dering and softing flowers by themselves. C-1-1. (International Communication Shifts) Bloderis can communicate and cooperate with								[NS]Biology D								
								(HS)Language and Communication A									
								[NS]Earth Sciences B									
								(ID)Language and Communication A									
Application of knowledge and								(ID)Language and Communication B									
(Application and						Historical Perspe	ctive of the World										
Analysis)						World Pt	llosophies										
		Basic Academic Research			Issue and	Innovation			*Students may take								
							Global	Online A		Global Online courses in a different year or at a							
						Global Online B				different time from that indicated in their learning plan	4						
	people from diverse backgrounds and disciplines.		Intersi	ve English			c English	"Students must earn 10 credits for intensive English in their first year.									
			Foreign Lar	nguage Studies		"Students must earn 4 credits for Second Foreign Language in their first year.											
										[ID]Informatics B							
	-B-2.(Information Literacy) Students acquire the								[ID]Informatics A	[ID]Informatics C							
	knowledge and literacy of mathematical and data sciences and can properly analyze.							[ID]Informatics E	(ID)Informatics F								
	integrate, and utilize various types of data and information for considering and solving							(iD)Informatics G									
	problems.				Computer Programming Exercise												
				Informat	ion Science												
								[HS]Ethics and Philosophy A	(HS)Politics A	[HS]Archaeology A							
								(HS)Literature B	[HS]International Relations B	[NS]Biology B							
								[HS]History A	[NS]Area Studies A	[NS]Biology C							
								[HS]Archaeology C	[HS]Area Studies B								
Learning of								(HS)International Relations A	(NS)Biology H								
knowledge and understanding (Knowledge and								[HS]Economics A	[NS]Earth Sciences C								
Understanding)								[HS]Economics B	[NS]Informatics A								
	-B-1.(Knowledge and Understanding) Students							(NS)Ethics and Philosophy A									
	have adequate knowledge of academic disciplines and the skills necessary for analyzing and solvine issues. Students can clearly explain							[NS]Mathematics A									
	and solving issues. Students can clearly explain the relations between disciplines and issues.							[NS]Biology A									
								[NS]Blology F									
								[NS]Biology G									
								[NS]Physics A									
								(NS)Physics B									
						(NS)Biology E		[NS]Earth Sciences A									
				Basic System Science	Math for ISI		n and Analysis										
						KIKAN Education Course Second Year and above		WIKAN Education Courses and above can be taken in a	for Students in the 2nd year any semester, starting from								
	A-Z. (Basic Collaborative Skills) Students can			Interdisciplinary Collabora	rive Learning of Social Issues	second fear and above		the second year.	any semester, starting from								
Basic Active	tackle problems by collaborating and communicating with people from diverse backgrounds and disciplines.		KIKAN Education Seminars														
Learning Skills and Basic Collaborative Skills	A-1. (Basic Active Learning Skills) Students	Courses		Sciences, Other Courses	in Sciences												
	can actively consider and analyze problems constructively and critically with various knowledge from the liberal arts and sciences.			al Courses						 	 						
Category		Spring quarter	Summer quarter		Winter quarter	Spring quarter	Summer quarter	Fall quarter	Winter quarter	Spring quarter	Summer quarter	Fall quarter	Winter quarter	Spring quarter	Summer quarter	Fall quarter	Winter quarter
	Learning Objectives		1st	t year			2nd	l year			310	lyear			4th	year	
s	itage in Undergraduate Program			tory Level		Basic Level				Applied Level				Interdisciplinary Level			
		Evaluation of Level of Achievement				Evaluation of Level of Achievement				Evaluation of Level of Achievement					Evaluation of Lev		
	Assessment plan	Grades for KIKAN Education Courses and ISI Fundamental Courses, and the results of class				Grades for ISI Fundam	Grades for ISI Fundamental Courses, Framing and Analytical Courses (Approach Subjects), and Collaborative Courses (Basic Project for Interdisciplinary Science and Innovation).			Grades for Interdisciplinary Innovative Courses (Issue-based Subjects and Degree Project 1), Collaborative Courses (Project for Interdisciplinary Science and Innovation), and International Learning Courses.				Grades for Interdiscipli	nary Innovative Courses	(Degree Projects 2 and	d 3), and the content of
4		questionnaires from KIKAN Education.				mondiffer Cour	. , rojets for ir	promy scence		Learning Courses.				presentation i	-grant report 3.		

Correlation between the attainment targets and the courses (The School of Interdisciplinary Science and Innovation) Attainment targets for KIKAN Education courses Attainment targets for Specialized Courses													
[The School of Interdisciplinary Science and Innovation]				Basic Active Learning Ski	KIKAN Education courses ills and Basic Collaborative kills		lge and understanding d Understanding)		edge and understanding		Oreation of new knowledge (Evaluation and Creation)		
Correla Diploma	 Correlation between the attainment targets listed in the Diploma Policy and the curriculum (courses) © Indicates the main relevant attainment target for each course, while ○ indicates others of minor relevance. 				A-2. (Basic Collaborative Skills) Students can tackle problems by collaborating and communicating with people	*B-1.(Knowledge and Understanding) Students have adequate knowledge of academic disciplines and the skills necessary for analyzing	*B-2.(Information Literacy) Students acquire the knowledge and literacy of mathematical and data sciences and can properly	-C-1-1. (International Communication Skills) Students can communicate and cooperate with people from diverse backgrounds and			Skills for the Future) Students can make effective road maps for solving issues through		situations (Practice) *D.(Interdisciplinary Innovatin Skills) Students can effective challenge and solve issues by utilizing International Communication Skills, Active
	e Catego		Courses	knowledge from the liberal arts and sciences.	disciplines.	and solving issues. Students can clearly explain the relations between disciplines and issues.	various types of data and	disciplines.	solving issues by themselves.		ideal future, creating social value and innovation.	through collaboration and discussion with people from diverse backgrounds.	Learning Skills, Deep Analyti Skills, Backcast Thinking Skil for the Future, and Practical Collaborative Skills.
			Seminars collaborative Learning of Social Issues	0	0						0		
Hui	manities	s and Sc	ocial Sciences	0		0							
KIKANE	ience		formation Science			0	0						
ucation		Ot	omputer Programming Exercise ther Science Courses	0		Ö	ŭ .						
	neral Co		rises for Students in the Second Year and above	8	0	0			0				
Lar	nguages		itensive English cademic English		0			0					
	Culture		ecound Foreign Langage		0			0					
	ISI undamental		asic Academic Research			0			0	0			
E.		М	lath for ISI asic System Science			0	0		0				
	Course	es Da	ata Collection and Analysis			0	0						
			orld Philosophies istorical Perspective of the World			0			0				
			HS]Ethics and Philosophy A HS]Ethics and Philosophy B			0				0			
		[H	HS]Ethics and Philosophy C			0				0			
			HS]Literature A HS]Literature B			0				0			
			HS]Language and Communication A HS]Language and Communication B					0	0				
		[H	HS]History A			0			~	0			
			HS]Archaeology A HS]Archaeology B			0				0			
		[H	HS]Archaeology C HS]Anthropology A			0				0			
		[H	HS]Anthropology B			0				0			
			HS]Politics A HS]Politics B			0				0			
			HS]International Relations A HS]International Relations B			0				0			
		[н	HS]Economics A			0				0			
			HS]Economics B HS]Economics C			0				0			
			HS]Economics D HS]Area Studies A			0				0			
		[н	HS]Area Studies B			0				0			
	Approach Subjects		NS]Ethics and Philosophy A NS]Area Studies A			0				0			
			NS]Mathematics A NS]Engineering A			0				0			
		[N	NS]Engineering B			0				0			
			NS]Biology A NS]Biology B			0				0			
Fran			NS]Biology C NS]Biology D			0			0	0			
Spec		IN IN	NS]Biology E			0				0			
ng and Analytical C Specialized Course		[N	NS]Biology F NS]Biology G			0				0			
tical C		[N	NS]Biology H NS]Physics A			0				0			
ourses s of Sci		[N	NS]Physics B NS]Earth Sciences A			0				0			
nool of		[N	NS]Earth Sciences B						0	0			
Interdis			NS]Earth Sciences C NS]Informatics A			0				0			
of School of Interdisciplinary Science and Innovation			D]Ethics and Philosophy A D]Ethics and Philosophy B			0				0			
ry Scie		[10	D]Language and Communication A D]Language and Communication B					0	0				
nce and		[10	D]Archaeology A			0		0	0	٥			
Innov			D]Archaeology B D]Geography A			0				0			
ation			D]Geography B D]Geography C			0				0			
		[10	D]Geography D			0				٥			
		[10	D]Area Studies A D]Mathematics A			0				0			
			D]Mathematics B D]Engineering A			0				0			
		[10	D]Informatics A			, v	0			0			
		[10	D]Informatics B D]Informatics C				0			0			
			D]Informatics D D]Informatics E			0	0			0			
		[10	D]Informatics F				0			0			
		[10	D]Informatics G D]Science and Technology A			0	0			0			
			D]Design Studies A D]Design Studies B			0				0			
		[10	D]Ecology A SI Basic Seminar			0			0	0			
		Le	ecture series					0		0		0	
	ollabora Course	es Pr	asic Project for ISI roject for ISI				1		0		0	0	
		Cr	ross-Cultural Adjustment 1 ross-Cultural Adjustment 2			0		0	0			0	
	ternatio Learnin	onal In	ternational Experience A					0	0			0	
	Courses		Iternational Experience B					O	0		0	© ○	
		lss	lobal Online B sue-based Research					0		0	0	0	
		lss	Human and Life Area) sue-based Research							0	0	0	
	lss: bas	sed (s	People and Society Area) sue-based Research States and Region Area)							0	0	0	
	Subj	jects _{Iss} (E	sue-based Research Earth and Environment Area)							0	0	0	
	IS	(A	sue-based Research Area integrated)							0	0	0	
25	Adva	anced	SI Advanced Seminar 1 SI Advanced Seminar 2							0	0		0
ative Co	Sem		egree Project 1		1	1		0	0	0	0	0	٥
a tive Courses	Sem Degre Proje		egree Project 2					Ö	0	0	0	0	٥