



**Correlation between the attainment targets and the courses (The School of Interdisciplinary Science and Innovation)**

[The School of Interdisciplinary Science and Innovation] - 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.		Attainment targets for KIKAN Education courses		Attainment targets for Specialized Courses								
		Basic Active Learning Skills and Basic Collaborative Skills	Learning of knowledge and understanding (Knowledge and Understanding)	Application of knowledge and understanding (Application and Analysis)	Creation of new knowledge (Evaluation and Creation)	Use of knowledge and understanding in practical situations (Practice)						
Course Category	Courses	A-1. (Basic Active Learning Skills) Students can actively consider and analyze problems constructively and critically with various knowledge from the liberal arts and sciences.	A-2. (Basic Collaborative Skills) Students can tackle problems by collaborating and communicating with people from diverse backgrounds and disciplines.	B-1. (Knowledge and Understanding) Students have adequate knowledge of academic disciplines and the skills necessary for analyzing and solving issues. Students can clearly explain the relations between disciplines and issues.	B-2. (Information Literacy) Students acquire the knowledge and literacy of mathematical and data sciences and can properly analyze, integrate, and utilize various types of data and information for considering and solving problems.	C-1-1. (International Communication Skills) Students can communicate and cooperate with people from diverse backgrounds and disciplines.	C-1-2. (Practical Active Learning Skills) Students can explore and acquire the knowledge and abilities necessary for considering and solving issues by themselves.	C-2-1. (Deep Analytical Skills) Students can analyze the root causes and solutions of issues by utilizing different disciplines and perspectives.	C-2-2. (Backcast Thinking Skills for the Future) Students can make effective road maps for solving issues through backcast thinking from an ideal future, creating social value and innovation.	C-2-3. (Practical Collaborative Skills) Students can establish effective and feasible ways of solving issues and modifying them through collaboration and discussion with people from diverse backgrounds.	D. (Interdisciplinary Innovative Skills) Students can effectively challenge and solve issues by utilizing International Communication Skills, Active Learning Skills, Deep Analytical Skills, Backcast Thinking Skills for the Future, and Practical Collaborative Skills.	
KIKAN Education Seminars	Interdisciplinary Collaborative Learning of Social Issues	○	⊕						○			
	Humanities and Social Sciences	⊕		○								
	Science	Information Science			○	⊕						
		Computer Programming Exercise			○	⊕						
		Other Science Courses			○							
	General Courses	⊕	○									
	KIKAN Education Courses for Students in the Second Year and above				⊕			○				
	Languages and Cultures	Intensive English		○			⊕					
		Academic English		○			⊕					
		Second Foreign Language		○			⊕					
Fundamental Courses	Basic Academic Research			○			⊕					
	Issue and Innovation						⊕	○				
	Math for ISI			⊕			○					
	Basic System Science			⊕	○							
	Data Collection and Analysis			⊕	○							
	World Philosophies			○			⊕					
	Historical Perspective of the World			○			⊕					
	[HS]Ethics and Philosophy A			⊕				○				
	[HS]Ethics and Philosophy B			⊕				⊕				
	[HS]Ethics and Philosophy C			○				⊕				
[HS]Literature A			⊕				○					
[HS]Literature B			⊕				○					
[HS]Language and Communication A					○	⊕						
[HS]Language and Communication B					○	⊕						
[HS]History A			⊕				○					
[HS]Archaeology A			⊕				○					
[HS]Archaeology B			○				⊕					
[HS]Archaeology C			⊕				○					
[HS]Anthropology A			○				⊕					
[HS]Anthropology B			○				⊕					
[HS]Politics A			⊕				○					
[HS]Politics B			⊕				○					
[HS]International Relations A			⊕				○					
[HS]International Relations B			⊕				○					
[HS]Economics A			⊕				○					
[HS]Economics B			⊕				○					
[HS]Economics C			○				⊕					
[HS]Economics D			○				⊕					
[HS]Area Studies A			⊕				○					
[HS]Area Studies B			⊕				○					
[NS]Ethics and Philosophy A			⊕				○					
[NS]Area Studies A			○				⊕					
[NS]Mathematics A			⊕				○					
[NS]Engineering A			○				⊕					
[NS]Engineering B			○				⊕					
[NS]Biology A			⊕				○					
[NS]Biology B			⊕				○					
[NS]Biology C			⊕				○					
[NS]Biology D			⊕				○					
[NS]Biology E			⊕				○					
[NS]Biology F			⊕				○					
[NS]Biology G			⊕				○					
[NS]Biology H			⊕				○					
[NS]Physics A			⊕				○					
[NS]Physics B			⊕				○					
[NS]Earth Sciences A			⊕				○					
[NS]Earth Sciences B						⊕	○					
[NS]Earth Sciences C			⊕				○					
[NS]Informatics A			⊕				○					
[ID]Ethics and Philosophy A			○				⊕					
[ID]Ethics and Philosophy B			○				⊕					
[ID]Language and Communication A						○	⊕					
[ID]Language and Communication B						○	⊕					
[ID]Archaeology A			○				⊕					
[ID]Archaeology B			○				⊕					
[ID]Geography A			○				⊕					
[ID]Geography B			○				⊕					
[ID]Geography C			○				⊕					
[ID]Geography D			○				⊕					
[ID]Area Studies A			○				⊕					
[ID]Mathematics A			○				⊕					
[ID]Mathematics B			○				⊕					
[ID]Engineering A			○				⊕					
[ID]Informatics A					⊕		○					
[ID]Informatics B					⊕		○					
[ID]Informatics C					⊕		○					
[ID]Informatics D			○				⊕					
[ID]Informatics E					⊕		○					
[ID]Informatics F					⊕		○					
[ID]Informatics G					⊕		○					
[ID]Science and Technology A			○				⊕					
[ID]Design Studies A			○				⊕					
[ID]Design Studies B			○				⊕					
[ID]Ecology A			○				⊕					
[SI] Basic Seminar							⊕					
Lecture series						○			○			
Collaborative Courses	Basic Project for ISI						○		⊕			
	Project for ISI						○	○	⊕			
International Learning Courses	Cross-Cultural Adjustment 1			○					⊕			
	Cross-Cultural Adjustment 2						○		⊕			
	International Experience A						○	○	⊕			
	International Experience B						○	○	⊕			
Issue-based Subjects	Global Online A					⊕			○	○		
	Global Online B					⊕			○	○		
Advanced Seminars	Issue-based Research (Human and Life Area)							○	⊕	○		
	Issue-based Research (People and Society Area)							○	⊕	○		
	Issue-based Research (States and Region Area)							○	⊕	○		
	Issue-based Research (Earth and Environment Area)							○	⊕	○		
	Issue-based Research (Area Integrated)							○	⊕	○		
	Area Integrated							○	⊕	○		
Degree Project Subjects	[SI] Advanced Seminar 1							○	○	⊕		
	[SI] Advanced Seminar 2							○	○	⊕		
	Degree Project 1					○	○	○	○	⊕		
	Degree Project 2					○	○	○	○	⊕		
	Degree Project 3					○	○	○	○	⊕		