

凡例	Course Categories Directly Related to Learning Objectives	KIKAN Education	Specialized Courses of School of Interdisciplinary Science and Innovation						◇(*) after the course name indicates that one is taught in Japanese and the other in English. ◇(#) after the course name indicates that the course is divided into two classes at ISI.
	Required courses	Common Basic courses	Area Basic	Cross-Area courses	Collaborative courses	Experiential courses	Area Advanced courses	Degree Project courses	

Learning Objectives			1st year				2nd year				3rd year				4th year			
Category	Area	Area	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
Use of knowledge and understanding in practical situations (Practice)	D. (Interdisciplinary Problem-Solving Skills) Students can work on solving real-life problems, drawing upon the four component skills, namely active learning skills, creative task-framing skills, practical teamwork skills, and international communication skills.																	
Creation of new knowledge (Evaluation and Creation)	C-2-2. (Practical Teamwork Skills) Students can discuss with others the solutions they have devised and combine their own ideas with the knowledge and skills of others, working together to propose a feasible solution.																	
Creation of new knowledge (Evaluation and Creation)	C-2-1. (Creative Task-Framing Skills) Students can frame tasks appropriately to address real-life problems and propose solutions by combining existing knowledge.	People and Society Area																
Creation of new knowledge (Evaluation and Creation)	C-2-1. (Creative Task-Framing Skills) Students can frame tasks appropriately to address real-life problems and propose solutions by combining existing knowledge.	States and Regions Area																
Creation of new knowledge (Evaluation and Creation)	C-2-1. (Creative Task-Framing Skills) Students can frame tasks appropriately to address real-life problems and propose solutions by combining existing knowledge.	Earth/Environment Area																
Creation of new knowledge (Evaluation and Creation)	C-2-1. (Creative Task-Framing Skills) Students can frame tasks appropriately to address real-life problems and propose solutions by combining existing knowledge.	Humans and Life Area																
Application of knowledge and understanding (Application and Analysis)	C-1-3. (Active Learning Skills) Students have their own awareness of problems and can actively research the knowledge and skills required to solve those problems.	Cross-Area																
Application of knowledge and understanding (Application and Analysis)	C-1-2. (International Communication Skills) Students have the communication skills required to explain their solutions to many people around the world in order to gain their understanding and cooperation, so that those solutions can be implemented.	Area Basic	Lecture Series														*The Lecture Series operates on the basis of a stamp system. Students must collect at least 15 stamps by the time they graduate and are required to submit a final report.	
Application of knowledge and understanding (Application and Analysis)	C-1-1. (Design Thinking) Students can devise approaches aimed at identifying and solving problems to create new social value and generate innovation.	Cross-Area																
Learning of knowledge and understanding (Knowledge and Understanding)	B-2. (Information literacy) Students understand that mathematical sciences and data science form part of their basic literacy and have a comprehension of them that transcends the boundaries between the humanities and science, with the ability to give explanations accordingly.	Cross-Area																
Learning of knowledge and understanding (Knowledge and Understanding)	B-1. (Knowledge and Understanding) Students have an adequate knowledge of the basic and applied science required to solve problems, and can explain it with reference to real-world problems.	Cross-Area																
Learning of knowledge and understanding (Knowledge and Understanding)	B-1. (Knowledge and Understanding) Students have an adequate knowledge of the basic and applied science required to solve problems, and can explain it with reference to real-world problems.	Earth/Environment Area																
Learning of knowledge and understanding (Knowledge and Understanding)	B-1. (Knowledge and Understanding) Students have an adequate knowledge of the basic and applied science required to solve problems, and can explain it with reference to real-world problems.	Humans and Life Area																
Proactive learning and collaboration	A-2. (Collaboration) Students can exchange diverse knowledge and work with others to solve problems.	Area																
Proactive learning and collaboration	A-1. (Proactive Learning) Students can identify problems for themselves and scrutinize and consider them creatively and critically, informed by in-depth specialist knowledge and a wide-ranging liberal arts education.	Area																
Category	Area	Area	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
Learning Objectives			1st year				2nd year				3rd year				4th year			
Stage in Undergraduate Program			Introductory Level				Basic Level				Applied Level				Interdisciplinary Level			
Assessment plan			Evaluation of Level of Achievement				Evaluation of Level of Achievement				Evaluation of Level of Achievement				Evaluation of Level of Achievement			
Assessment plan			Checked via grades for KIKAN Education Courses and Common Basic courses, the results of class questionnaires from KIKAN Education, and results of analysis of the content of Study Records and Study Plans at tutorials.				Checked via grades for Common Basic courses, Reflective courses (Cross-Area courses and Area Basic courses) and Collaborative courses (Basic Project for Interdisciplinary Science and Innovation); number of students in each class and their attendance status; and the results of class questionnaires from departmental education.				Checked via grades for Interdisciplinary Science and Innovation courses (Area Advanced courses and Degree Project 1), Collaborative courses (Project for Interdisciplinary Science and Innovation), Experiential courses, and Area Advanced courses; status of learning advice sought from learning navigators; and the finalization of the student's choice of major area.				Checked via the content of the presentation for Degree Project 3 and grades for Interdisciplinary Science and Innovation courses (Degree Projects 2 and 3) involving the creation of solutions to problems.			

