Curriculum

(As of April 2024)

1st Year	2nd Year	3rd Year	4th Year

Widen the view and build the foundation to tackle issues: Learn various types of knowledge and skills that would be essential for analyzing and investigating issues while widening the view through collaboration and experience

Improve skills to tackle issues: Acquire knowledge, skills, perspectives, and attitudes through analyzing and investigating the issues

KIKAN Education courses for students in the second year and above

The KIKAN Education

The KIKAN Education courses are taken by all undergraduate students at Kyushu University. They teach students ways of thinking and learning about issues, instilling in them basic of knowledge and skills that will help them to develop a high level of expertise and a well-rounded education.

- KIKAN Education Seminar
- Interdisciplinary Collaborative Learning of Social Issues
- Courses for Languages and Cultures
- Courses in Humanities and Social Sciences
- Courses in Sciences
- Courses in Cybersecurity
- Health and Sports Courses
- General Courses

ISI Fundamental Courses

Learn new perspectives, research methods, and skills that would be fundamental for studying at Interdisciplinary Science and Innovation.

- Basic Academic Research
- Issue and Innovation
- Math for ISI
- Basic System Science
- Data Collection and Analysis
- World Philosophies
- Historical Perspective of the World

Collaborative Courses

Develop perspectives and attitudes that will be essential in investigating the issues and finding the solution for issues by collaborating with people who have different knowledge, skills, ideas and backgrounds.
·Basic Project for ISI ·Project for ISI

ISI Basic Seminar

Improve knowledge and skills acquired from Approach Subjects in a small group exercise format.

ISI Advanced Seminar

Acquire the methodologies, skills, and perspectives necessary to carry out Degree Project through regular guidance from the main supervisor of Degree Project.

Approach Subjects

Acquire academic methodologies and skills that would be essential in analyzing and investigating the issues we face.

Humanities and Social Sciences Approaches

·Ethics and Philosophy A「Introduction to Cultural Memory Studies」
·Ethics and Philosophy B「Exploring Cultural Memory Studies」
·Ethics and Philosophy C「Approaches to social philosophies」
·Literature A「East Asian Culture and Literature」
·Literature B「Introduction to Comparative Literature and Culture」
·Language and Communication A「Introduction to Language Studies」
·Language and Communication B「Pragmatics of Communication」
·History A「Fundamentals of Modern History」
·Archaeology A「Basic Public Archaeology」
·Archaeology B「Diversity of Social groups」
·Archaeology C「Theories and methods for the study of prehistoric societies」
·Anthropology A「Anthropological Interview Method」
·Politics A「Basic Political Studies」
·Politics B「Normative political theory」
·International Relations A「International Relations」
·International Relations B「China and the World」
·Economics A「Introduction to Economic Analysis」
·Economics B「Economic development in South Asia and India」
·Economics C「Environmental economics and policy studies」
·Economics D「Critical thinking through behavioral economics」
·Economics E「Microeconomics 1」
·Economics F「Microeconomics 2」
·Area Studies A「Middle East Politics」
·Area Studies B「Theory of Anthropological Fieldwork」

Natural Sciences Approaches

·Ethics and Philosophy A「Bioethics」
·Area Studies A「Practices in Earth Environments」
·Mathematics A「Introduction to Statistics」
·Engineering A「Natural Disaster and Resiliency 1」
·Engineering B「Natural Disaster and Resiliency 2」
·Engineering C「Physical Phenomena and Mathematical Representations」
·Biology A「Introduction to Entomology」
·Biology B「Evolutionary Biology」
·Biology C「Molecular Biology」
·Biology D「Gene technology」
·Biology E「Genetics and Evolution」
·Biology F「Gene and Biodiversity」
·Biology G「Molecular & Cell Biology」
·Biology H「Biochemistry, Endocrinology and Nutrition」
·Physics A「Foundation of natural science」
·Physics B「Introductory Experimental Physics 1」
·Physics C「Introductory Experimental Physics 2」
·Earth Sciences A「Formation of the Earth Environments」
·Earth Sciences B「Practice of Basic Fieldwork」
·Earth Sciences C「Earth Materials 1」
·Informatics A「Brain and Information」

Interdisciplinary Approaches

·Ethics and Philosophy A「Philosophy of Science」
·Ethics and Philosophy B「History of Scientific Ideas」
·Language and Communication A「Introduction to Interdisciplinary Research」
·Language and Communication B「Introduction to Facilitation」
·Archaeology A「Methods and Techniques in Archaeology 1」
·Archaeology B「Methods and Techniques in Archaeology 2」
·Geography A「Economic Geography in East Asia」
·Geography B「Natural Environmental Geography」
·Geography C「Human Environmental Geography」
·Geography D「Environmental Geography Seminar」
·Area Studies A「Basic Area Studies」
·Mathematics A「Mathematics for Classification」
·Mathematics B「Mathematics for Regression」
·Engineering A「hydrology」
·Informatics A「Data Analytics 1」
·Informatics B「Data Analytics 2」
·Informatics C「Big Data Processing」
·Informatics D「Qualitative Research Methods」
·Informatics E「Python Programing in English」
·Informatics F「Python Programing for Analysis」
·Informatics G「Practical Data Analysis」
·Science and Technology A「Science, technology and society」
·Design Studies A「Communication Design for Welfare」
·Design Studies B「Design and Innovation」
·Ecology A「Basic Biodiversity」

Issue-based Subjects

Designed to help students use methodologies, knowledge, and skills that they learned from Approach Subjects effectively to consider actual issues and to find possible solutions.

Human and Life Area

·Systems Neuroscience
·Nutritional Physiology
·Bioengineering: Relevance for Society
·Science and Health
·Basic Pharmaceutical Science
·Advanced Pharmaceutical Science
·Genetics and Developmental Biology

Earth and Environment Area

·Biodiversity Science
·Natural Environmental Geography Applied Seminar
·Conservation genetics
·Thinking about the Earth
·Earth Science in Global Society
·Human Environmental Geography Applied Seminar 1
·Human Environmental Geography Applied Seminar 2
·Entomology Seminar
·Environmental Urban Policy
·Environmental Conservation and Restoration
·Watershed hydrology and ecology
·Oceanic and Atmospheric Sciences
·Environment and energy
·Earth's dynamics
·Earth Materials 2
·Practice for Earth Science

States and Region Area

·Policy Evaluation
·Russian Economy and Society
·Comparative History
·Transnational History
·States and Politics
·Gender in East Asian History
·Contemporary China Studies
·Middle East Politics
·Japanese Economic History
·Global and Regional Ecology 1
·Global and Regional Ecology 2
·Theories and Methods in Material Culture Studies 3
·Methods and Issues of Electrical Energy Supply

People and Society Area

·LOHAS in a Multicultural Society
·International Social Welfare
·Clinical Pedagogy
·Tourism and Culture
·International Relations Theory
·Global Governance
·Linguistic Data Analysis
·Communication and Cognition
·Globalized English
·Theories and Methods in Material Culture Studies 1
·Theories and Methods in Material Culture Studies 2
·Understanding self and others

Area integrated

·Community and Social Development
·Programming for Interdisciplinary Science and Innovation
·Regional history
·Comparative Area Studies
·Tackling Challenges from Philosophy
·Seminar on normative political theory
·Religious Studies
·Socio-hydrology
·Geodisaster Mitigation and Sustainability
·Problem Solving using Design Thinking
·Brain Science and Social Issues
·Design Thinking Process
·Engineering with Design Thinking
·Design Thinking Communication
·Environmental Governance
·Modern natural science

Degree Project

(Graduation Thesis)

Each student selects an issue, works to trace its origin and explores methods and perspectives that will be essential for establishing a solution in the future.

·Degree Project 1
·Degree Project 2
·Degree Project 3

KIKAN-Education 1st Foreign Language (Japanese)

"Japanese Academic Courses" in "Course for Language and Culture" offers with aim of improving students' skills in Japanese as a first foreign language.
These consist of Comprehensive, Kanji, Speaking, and Writing courses.

International Learning Courses

Through study abroad and internships, beyond the city, country, or region that we were born and raised in to interact with people from around the world, learn different ideas and perspectives, and develop an attitude of cooperative relationships that transcend differences. ·Cross-Cultural Adjustment 1 ·Cross-Cultural Adjustment 2 ·International Experience A ·International Experience B ·Global Online A ·Global Online B

Lecture Series

In order to learn how issues are actually tackled and what kind of difficulties people face in real situations, in the Lecture Series we invite lecturers from different industries, the government, or, academia to give lectures or workshops.

Taking courses in other schools etc., as needed