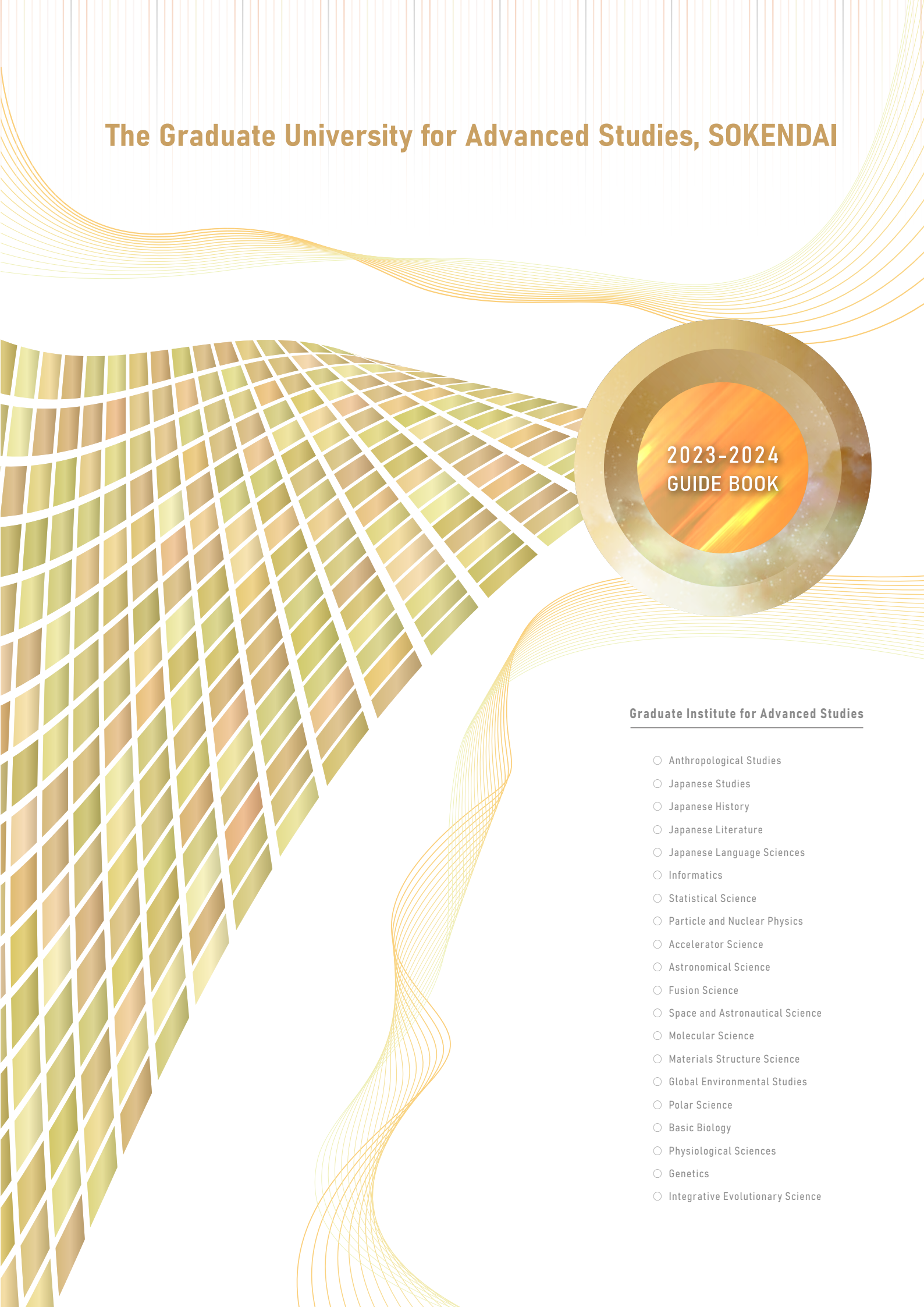
The Graduate University for Advanced Studies, SOKENDAI



Graduate Institute for Advanced Studies

- Anthropological Studies
- Japanese Studies
- Japanese History
- Japanese Literature
- Japanese Language Sciences
- Informatics
- Statistical Science
- Particle and Nuclear Physics
- Accelerator Science
- Astronomical Science
- Fusion Science
- Space and Astronautical Science
- Molecular Science
- Materials Structure Science
- Global Environmental Studies
- Polar Science
- Basic Biology
- Physiological Sciences
- Genetics
- Integrative Evolutionary Science

SOKENDAI

Contents

Message from the President

The Graduate University for Advanced Studies, SOKENDAI was established to cultivate the future generation of doctoral researchers. SOKENDAI offers educational opportunities for graduate students in collaboration with national research institutions known as “inter-university research institutes.” Since its inception in 1988 as the first graduate university in Japan, SOKENDAI has awarded roughly 2,400 doctoral degrees in various fields of fundamental science.

There are 19 inter-university research institutes in Japan that comprise a group of top researchers and offer access to large-scale experimental facilities, cutting-edge research equipment, and valuable research materials. The research facilities and materials at the inter-university research institutes attract scholars from Japan and other countries who engage in collaborative projects with the institute members. These institutes serve as the leading hubs for advancing research across a broad spectrum of disciplines, from humanities to high-energy physics. The most distinctive feature of SOKENDAI is that we offer graduate education at institutions that conduct cutting-edge basic research.

The social landscape surrounding universities has undergone significant transformations in the last two decades, as dramatic advances in ICT have enabled the dissemination of vast amounts of information that transcends constraints such as geographical, generational, gendered, and linguistic boundaries, as well as temporal and spatial dimensions, and have presented a new paradigm for society, one that fuses virtual space and real space. However, considering the current state of affairs, humanity appears to be facing unprecedented challenges. One may find it difficult to envision the future of humanity in the next decade or two.

In light of this, what role should universities fulfill? While the significance of fundamental science and research fostered by universities is widely recognized, the situation in the world is not as straightforward as to assume that the outcomes of intellectual endeavors based on the pure curiosity of individual researchers will contribute to the collective wisdom of humanity and guide society toward a better direction. Given the prevailing uncertainty of our times, the world requires individuals who can be entrusted with its future. A university, as a hub of knowledge, is expected to meet

this requirement. Universities must address this expectation as the locus of learning.

SOKENDAI has implemented a major reform of its educational organization and curricula to offer a 20-program system at Graduate Institute for Advanced Studies starting from April 2023. The new curriculum encompasses 20 programs that span a broad spectrum of academic disciplines, such as elementary particles, materials, life, space, information, history, and culture. The curriculum aims to equip students with foundational knowledge and education in their respective fields of specialization while fostering their autonomy and flexibility in conducting research beyond their own domains. The Diploma Policy of SOKENDAI outlines five competencies: “academic expertise”, “creativity”, “broad perspective”, “global competence”, and “research integrity” for doctoral candidates who aspire to become independent researchers who can tackle any challenge with confidence.

SOKENDAI strives to make a significant contribution to society by envisioning the role of academia in advancing human society in the long run. It aims to nurture doctoral students who can excel and innovate in academia that supports the intellectual foundations of society, lead advanced research and development, and generate new intellectual value.

Nagata, Takashi Ph.D.
President
The Graduate University for Advanced Studies, SOKENDAI

Profile

NAGATA Takashi

D. Sc. in Chemistry, Graduate School of Science, the University of Tokyo(1982).

He has served as Assistant Professor, Lecturer, and Associate Professor at the Faculty of Science, the University of Tokyo, Associate Professor at the Faculty of Liberal Arts, the University of Tokyo, Associate Professor at the Institute for Molecular Science, Professor at the Graduate School of Arts and Sciences, the University of Tokyo, Vice President of the University of Tokyo, and Professor and Director at the Research Department, the National Institution for Academic Degrees and Quality Enhancement of Higher Education. Since 2017, he has been the Director and Vice President of the Graduate University for Advanced Studies, SOKENDAI, and he has held his current position since April 2023.

Purpose of Establishment

The Graduate University for Advanced Studies, SOKENDAI is an independent graduate university (the first of its kind in Japan) founded in 1988 with the aim of contributing to the creation and development of culture through education and research in academic theory and application. As a world-leading international graduate university, SOKENDAI operates in close partnership and collaboration with affiliated inter-university research institutes.

The role of the inter-university research institutes and the world-class research environment they offer as

Inter-University Research Institutes

The inter-university research institutes (parent institutes) provide researchers from universities across Japan with resources (e.g., large-scale facilities and equipment, large amount of data, and valuable materials, etc.) that are not available in ordinary universities, and play a leading role in advancing scientific research in Japan through joint research with researchers nationwide and abroad. SOKENDAI employs a large group of researchers from various research fields as faculty members to provide advanced specialized education within the excellent research environment provided by such parent institutes.

Graduate Institute for Advanced Studies

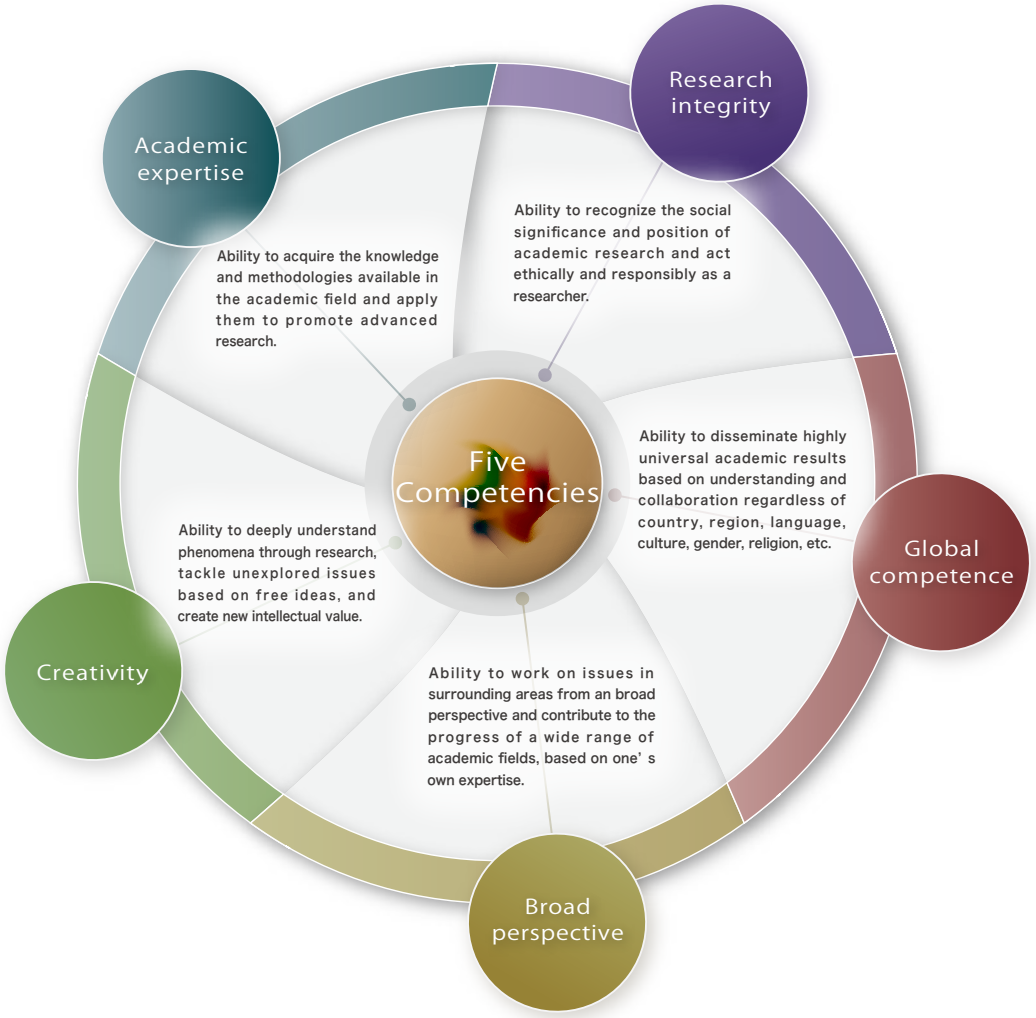
SOKENDAI has fostered highly-specialized PhDs using the world' s most advanced research centers as educational sites. To nurture PhDs who can tackle complex and interdependent issues arising in the context of ever-changing academic trends and the ever more pressing demands of modern society, it is necessary to develop a system that allows the flexible use of highly specialized resources across a wide range of disciplines. To achieve this goal, SOKENDAI has reorganized its educational structure and established the Graduate Institute for Advanced Studies on April 1, 2023. At the same time, the National Institute for Japanese Language and Linguistics and the Research Institute for Humanity and Nature were incorporated into SOKENDAI as parent institutes to further enhance the educational environment. The Graduate Institute for Advanced Studies offers 20 programs with the support of parent institutes. As such, SOKENDAI provides an educational environment that transcends the conventional disciplinary boundaries and allows for the more flexible use of the diverse educational resources of the parent institutes for all teaching staff and the student body.

Programs	Research institutions
Anthropological Studies	National Museum of Ethnology
Japanese Studies	International Research Center for Japanese Studies
Japanese History	National Museum of Japanese History
Japanese Literature	National Institute of Japanese Literature
Japanese Language Sciences	National Institute for Japanese Language and Linguistics
Informatics	National Institute of Informatics
Statistical Science	The Institute of Statistical Mathematics
Particle and Nuclear Physics	Institute of Particle and Nuclear Studies
Accelerator Science	Accelerator Laboratory / Applied Research Laboratory
Astronomical Science	National Astronomical Observatory of Japan
Fusion Science	National Institute for Fusion Science
Space and Astronautical Science	Institute of Spacec and Astronautical Science
Molecular Science	Institute for Molecular Science
Materials Structure Science	Institute of Materials Structure Science
Global Environmental Studies	Research Institute for Humanity and Nature
Polar Science	National Institute of Polar Research
Basic Biology	National Institute for Basic Biology
Physiological Sciences	National Institute for Physiological Sciences
Genetics	National Institute of Genetics
Integrative Evolutionary Science	Research Center for Integrative Evolutionary Science

Features of SOKENDAI

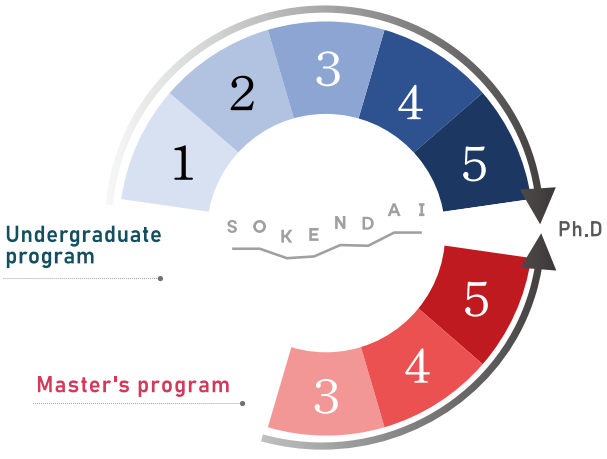
Five Competencies

SOKENDAI nurtures Ph.Ds with the five competencies needed to become 'independent researchers'



Doctoral program

SOKENDAI offers both five-year and three-year doctoral programs.



Student support

Financial support

SOKENDAI financially supports students' research activities through the Research Assistant System, the Tuition Waiver System, and the SOKENDAI Special Researcher Program.

Research Dispatch Support

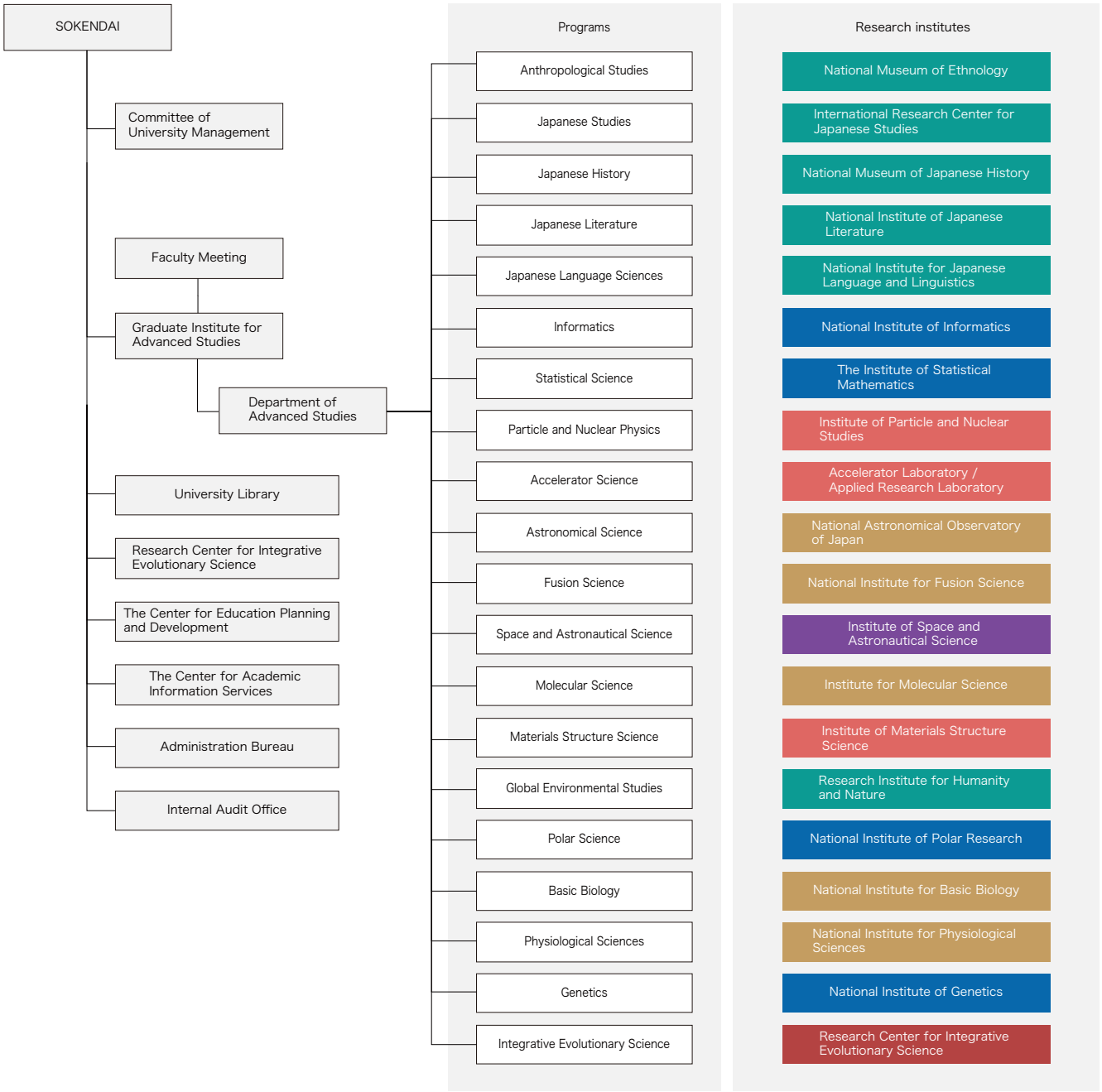
SOKENDAI supports students who engage in long-term joint research activities in Japan and abroad through the SOKENDAI Student Dispatch Program and the SOKENDAI Dual Degree Program.

For more information , please click the URL ▸

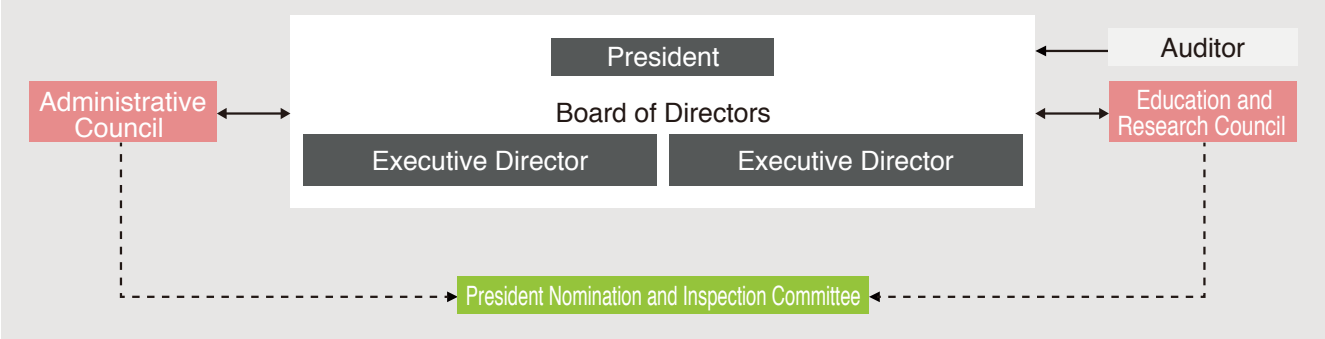
https://www.soken.ac.jp/en/features/

Research and Education System

SOKENDAI has established the Graduate Institute for Advanced Studies as a basic educational and research organization equivalent to a graduate school.
The Graduate Institute for Advanced Studies has 20 programs with a wide variety of specialties, which are developed in the research environment of four Inter-University Research Institute Corporations and Japan Aerospace Exploration Agency.
In addition, the University Library, the Research Center for Integrative Evolutionary Science, The Center for Education Planning and Development and The Center for Academic Information Services have been established as university-wide facilities.



Organization



Administrative Board

As of April 1, 2023

President	NAGATA Takashi
Executive Director	YAMAMOTO Satoshi
Executive Director	ARIKAWA Kentarou
Auditor	OKAMURA Sadanori
Auditor	INAGAKI Masato
(The above are corporate members)	
Vice President	YAMAMOTO Satoshi
Executive Officer	MICHIZONO Shinichiro
President's Assistant	KURUSHIMA Noriko

Graduate Institute for Advanced Studies

Dean, Graduate Institute for Advanced Studies	SAKAKIBARA Satoru
Chair, Anthropological Studies	MINAMI Makito
Chair, Japanese Studies	ISODA Michifumi
Chair, Japanese History	MATSUGI Takehiko
Chair, Japanese Literature	SAITO Maori
Chair, Japanese Language Sciences	MATSUMOTO Yo
Chair, Informatics	YAMADA Seiji
Chair, Statistical Science	FUJISAWA Hironori
Chair, Particle and Nuclear Physics	NISHIMURA Jun
Chair, Accelerator Science	KAMITANI Takuya
Chair, Astronomical Science	SEKII Takashi
Chair, Fusion Science	SAKAKIBARA Satoru
Chair, Space and Astronautical Science	DOTANI Tadayasu
Chair, Molecular Science	YOKOYAMA Toshihiko
Chair, Materials Structure Science	SETO Hideki
Chair, Global Environmental Studies	TAYASU Ichiro
Chair, Polar Science	HIRAWAKE Toru
Chair, Basic Biology	NIIMI Teruyuki
Chair, Physiological Sciences	FURUSE Mikio
Chair, Genetics	IWASATO Takuji
Chair, Integrative Evolutionary Science	KUTSUKAKE Nobuyuki

University Library

Director	ARIKAWA Kentaro
Deputy Director	YAGYU Shuji

Research Center for Integrative Evolutionary Science

Director	INNAN Hideki

The Center for Education Planning & Development

Director	YAMAMOTO Satoshi

The Center for Academic Information Services

Director	ARIKAWA Kentaro

Administration Bureau

Secretary-General	KAMAZUKA Satoshi
Manager, General Planning Division	OKADA Maki
Manager, General Affairs Division	HORIUCHI Shinya
Manager, Financial Affairs Division	IIZUKA Yasushi
Manager, Academic and Students Affairs Division	UMENO Kenichi

Education and Research Council

As of April 1, 2023

President	NAGATA Takashi
Executive Director (Vice President)	YAMAMOTO Satoshi
Executive Director	ARIKAWA Kentaro
Dean, Graduate Institute for Advanced Studies Chair, Fusion Science	SAKAKIBARA Satoru
Chair, Anthropological Studies	MINAMI Makito
Chair, Japanese Studies	ISODA Michifumi
Chair, Japanese History	MATSUGI Takehiko
Chair, Japanese Literature	SAITO Maori
Chair, Japanese Language Sciences	MATSUMOTO Yo
Chair, Informatics	YAMADA Seiji
Chair, Statistical Science	FUJISAWA Hironori
Chair, Particle and Nuclear Physics	NISHIMURA Jun
Chair, Accelerator Science	KAMITANI Takuya
Chair, Astronomical Science	SEKII Takashi
Chair, Space and Astronautical Science	DOTANI Tadayasu
Chair, Molecular Science	YOKOYAMA Toshihiko
Chair, Materials Structure Science	SETO Hideki
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Chair, Basic Biology	NIIMI Teruyuki
Chair, Physiological Sciences	FURUSE Mikio
Chair, Genetics	IWASATO Takuji
Chair, Integrative Evolutionary Science	KUTSUKAKE Nobuyuki

Administrative Council

As of April 1, 2023

President	NAGATA Takashi
Executive Director (Vice President)	YAMAMOTO Satoshi
Executive Director	ARIKAWA Kentaro
Professor, Program of Japanese Literature Director General, National Institute of Japanese Literature	WATANABE Yasuaki
Professor, Program of Molecular Science Director General, Intitute for Molecular Science	WATANABE Yoshihito
Professor, Program of Materials Structure Science Director, Institute of Materials Structure Science	KOSUGI Nobuhiro
Professor, Program of Genetics Director-General, National Institute of Genetics	HANAOKA Fumio
President, Eikei University of Hiroshima	ARINOBU Mutsuhiro
President, Hanazono University	ISODA Fumio
Professor, Faculty of Letter, Konan University	INOSE Kumie
Senior Corporate Adviser, Mitsubishi Estate Co., Ltd.	KIMURA Keiji
Executive Director, Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency	KUNINAKA Hitoshi
President, National Institutes of Natural Sciences	KAWAI Maki
Outside Director, East Japan Railway Company	AMANO Reiko
President, National Institutes for the Humanities	KIBE Nobuko
President, Research Organization of Information and Systems	KITSUREGAWA Masaru
Director General, High Energy Accelerator Research Organization	YAMAUCHI Masanori
Chair of the Board, President, Akita International University	MONTE Cassim
President, Akita Prefectural University	FUKUDA Hiroo
President, Japan Agency for Marine-Earth Science and Technology	YAMATO Hiroyuki
Representative Director & President, Sumika Technical Information Service, Inc.	SEKINE Chizu

Inter-University Research Institutes participating in SOKENDAI

SOKENDAI ❶

The Center for Education Planning and Development
The Center for Academic Information Services・University Library
Shonan Village, Hayama, Kanagawa, 240-0193 Japan
TEL: +81-46-858-1500
URL: https://www.soken.ac.jp/en/

Research Center for Integrative Evolutionary Science

Integrative Evolutionary Science
TEL: +81-46-858-1577(RCIES admin.office)
URL: https://rcies.soken.ac.jp/

National Institutes for the Humanities

National Museum of Ethnology ❷

Anthropological Studies
10-1 Senri Expo Park, Suita, Osaka, 565-8511 Japan
TEL: +81-6-6878-8236
URL: https://www.minpaku.ac.jp/

International Research Center for Japanese Studies ❸

Japanese Studies
3-2 Oeyama-cho, Goryo, Nishikyo-ku, Kyoto, 610-1192 Japan
TEL: +81-75-335-2222
URL: https://www.nichibun.ac.jp/en/

National Museum of Japanese History ❹

Japanese History
117 Jonai-cho, Sakura-shi, Chiba, 285-8502 Japan
TEL: +81-43-486-0123
URL: https://www.rekihaku.ac.jp/

National Institute of Japanese Literature ❺

Japanese Literature
10-3, Midori-cho, Tachikawa, Tokyo, 190-0014 Japan
TEL: +81-50-5533-2900
URL: https://www.nijl.ac.jp/en/

National Institute for Japanese Language and Linguistics ❻

Japanese Language Sciences
10-2 Midori-cho, Tachikawa City, Tokyo, 190-8561 Japan
TEL: +81-570-08-8595
URL: https://www.ninjal.ac.jp/english/

Research Institute for Humanity and Nature ❼

Global Environmental Studies
1457-4 Motoyama, Kamigamo, Kita-ku, Kyoto, 603-8047 JAPAN
TEL: +81-75-707-2152
URL: https://www.chikyu.ac.jp/rihn_e/

National Institutes of Natural Sciences

Institute for Molecular Science ❽

Molecular Science
URL: https://www.ims.ac.jp/en/
38 Nishigonaka, Myodaiji, Okazaki, 444-8585 Japan
TEL: +81-564-55-7000

National Institute for Basic Biology ❾

Basic Biology
URL: https://www.nibb.ac.jp/en/
38 Nishigonaka, Myodaiji, Okazaki, 444-8585 Japan
TEL: +81-564-55-7000

National Institute for Physiological Sciences ❿

Physiological Sciences
URL: https://www.nips.ac.jp/eng/
38 Nishigonaka, Myodaiji, Okazaki, 444-8585 Japan
TEL: +81-564-55-7000

National Astronomical Observatory of Japan ⓫

Astronomical Science
2-21-1 Osawa, Mitaka, Tokyo, 181-8588 Japan
TEL: +81-422-34-3600
URL: https://www.nao.ac.jp/

NAOJ Mizusawa campus ⓬

2-12 Hoshigaoka, Mizusawa, Oshu, Iwate, 023-0861 Japan
TEL: +81-197-22-7111

Nobeyama Radio Observatory ⓭

462-2 Nobeyama, Minamimakimura, Minamisaku, Nagano, 384-1305 Japan
TEL: +81-267-98-4300

Subaru Telescope ⓮

650 North A'ohoku Place, Hilo, Hawaii 96720 U.S.A.
TEL: +1-808-934-7788

NAOJ Chile Observatory ⓯

Los Abedules 3085, Oficina 701, Vitacura, Santiago, CHILE
TEL: +56-2-2656-9253

National Institutes of Natural Sciences

National Institute for Fusion Science ⓰

Fusion Science
322-6, Oroshi-cho, Toki, Gifu, 509-5292 Japan
TEL: +81-572-58-2222 or 2042
URL: https://www.nifs.ac.jp/en/

Japan Aerospace Exploration Agency

Institute of Space and Astronautical Science ⓱

Space and Astronautical Science
3-1-1, Yoshinodai, Chuo-ku, Sagamihara, Kanagawa, 252-5210 Japan
TEL: +81-42-759-8012
URL: https://www.isas.jaxa.jp/en/

High Energy Accelerator Research Organization Tsukuba Campus ⓲

Accelerator Laboratory・Applied Research Laboratory

Accelerator Science
https://www2.kek.jp/accl/eng/
https://www2.kek.jp/arl/en/home-en/

Institute of Materials Structure Science

Materials Structure Science
https://www2.kek.jp/imss/eng/

Institute of Particle and Nuclear Studies

Particle and Nuclear Physics
https://www2.kek.jp/ipns/en/
1-1 Oho, Tsukuba, Ibaraki, 305-0801 Japan
TEL: +81-29-864-1171 or 5128
URL: http://www.kek.jp/

Tokai Campus ⓳

203-1 Oaza-Shirakata, Tokai-Mura, Naka-gun, Ibaraki, 319-1106 Japan

Research Organization of Information and Systems

The Institute of Statistical Mathematics ⓴

Statistical Science
10-3 Midori-cho, Tachikawa, Tokyo, 190-8562 Japan
TEL: +81-50-5533-8500
URL: https://www.ism.ac.jp/index_e.html

National Institute of Polar Research ㉑

Polar Science
10-3 Midori-cho, Tachikawa, Tokyo, 190-8518 Japan
TEL: +81-42-512-0608
URL: https://www.nipr.ac.jp/

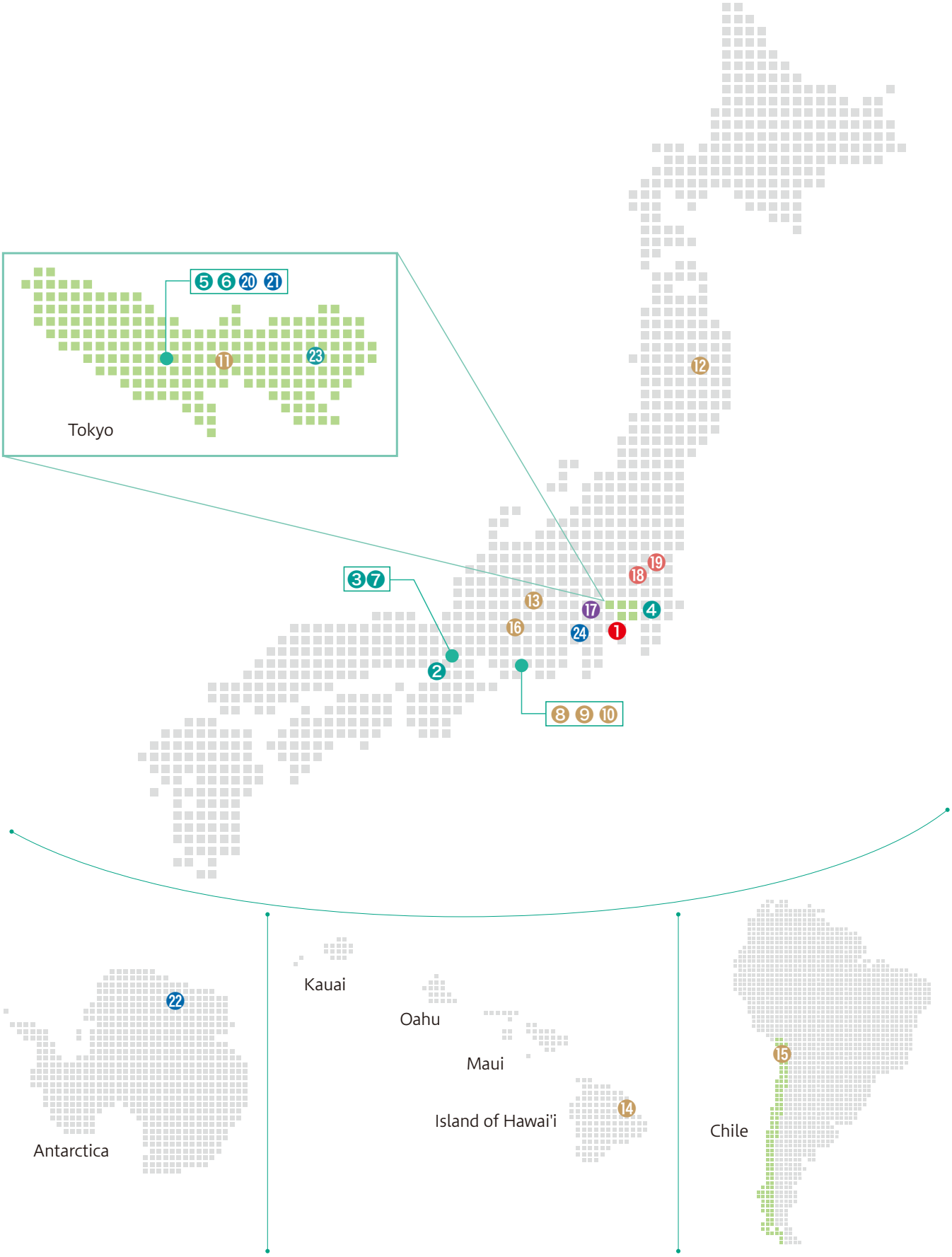
Syowa Station (Antarctica) ㉒

National Institute of Informatics ㉓

Informatics
2-1-2 Hitotsubashi, Chiyoda-ku, Tokyo, 101-8430 Japan
TEL: +81-3-4212-2110
URL: https://www.nii.ac.jp/en/

National Institute of Genetics ㉔

Genetics
1111 Yata, Mishima, Shizuoka, 411-8540 Japan
TEL: +81-55-981-6720
URL: https://www.nig.ac.jp/



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— History —

June 1982

An informal committee of the directors general of international university research institutes issues an appeal for the introduction of post-graduate courses in the institutes.

April 1986

An informal committee of the directors general of inter-national university research institutes produces a summary of the basic concepts of a postgraduate school for advanced studies based on the results of an investigation by a working group set up to investigate issues related to postgraduate schools. An Office and Committee for the Investigation of the Preparation of the Establishment of a Postgraduate School for Advanced Studies are established at Okazaki National Research Institutes.

March 1987

The Committee for the Investigation of the Preparation of the Establishment of a Postgraduate School for Advanced Studies produces a summary of the basic concepts of a postgraduate school for advanced studies.

May

An Office and Committee for Preparation of the Establishment of a Postgraduate School for Advanced Studies are established at Okazaki National Research Institute.

July

The Committee for Preparation of the Establishment of a Postgraduate School for Advanced Studies produces an interim summary on the preparation of the establishment of a tentatively named Graduate University for Advanced Studies.

April 1988

An Office and Committee for Preparation of the Establishment of the Graduate University for Advanced Studies are established at Okazaki National Research Institute.

May

The "Law to amend part of the National School Establishment Law" (Law No. 63, 1988), which stipulates the establishment of the Graduate University for Advanced Studies, is announced and enacted.

September

The Committee for Preparation of the Establishment of the Graduate University for Advanced Studies produces a summary of the preparation of the establishment of the Graduate University for Advanced Studies.

October

The Graduate University for Advanced Studies is inaugurated. The central administration office is established at the Tokyo Institute of Technology (Nagatsuda Campus).

School of Mathematical and Physical Science
- Department of Statistical Science
- Department of Accelerator Science
- Department of Synchrotron Radiation Science
- Department of Structural Molecular Science
- Department of Functional Molecular Science

School of Life Science
- Department of Genetics
- Department of Molecular Biomechanics
- Department of Physiological Science

(The university commences matriculation from April 1989.)

Dr.Saburo Nagakura is appointed as the first President of the University.

Establishment of a university
1988. 10. 1
Saburo Nagakura, the first president of SOKENDAI, hangs the SOKENDAI sign in a rented room at the Tokyo Institute of Technology's Nagatsuta campus.

April 1989

The School of Cultural and Social Studies is established with the Department of Regional Studies and Department of Comparative Studies. The University commences matriculation of students for the three schools.

January 1990

Dr.Eizi Hirota is appointed as the first Vice President of the University.

April 1991

The Coordination Center for Research and Education is established.

April 1992

The Department of Japanese Studies (School of Cultural and Social Studies), and the Departments of Astronomical Science and Fusion Science (School of Mathematical and Physical Science) are established; matriculation begins.

April 1993

The Department of Polar Science (School of Mathematical and Physical Science) is established; matriculation begins.

February 1994

Land in Hayama, Kanagawa (27,000m^2), is donated by Mitsui Fudosan Ltd. to allow the construction of the University's central administration office, as a result of the mediation services of the Kanagawa prefectural government.

March

Construction of the central administration office (4,205m^2) begins at the Hayama Campus.

June

The Information Center for Research and Education is established.

February 1995

Administrative functions are transferred from Nagatsuda Campus to Hayama; construction is completed on the central administration building.

April

Dr.Eizi Hirota is appointed as the second President.
Dr.Kazuo Moriwaki is appointed as the second Vice President.

April 1997

The School of Advanced Sciences, with the Department of Biosystems Science, is established at the Hayama Campus (matriculation begins in April 1999).

April 1998

The Department of Photoscience (School of Advanced Sciences) is established (matriculation begins in April 1999). The Department of Synchrotron Radiation Science changes its name to "The Department of Materials Structure Science".

September

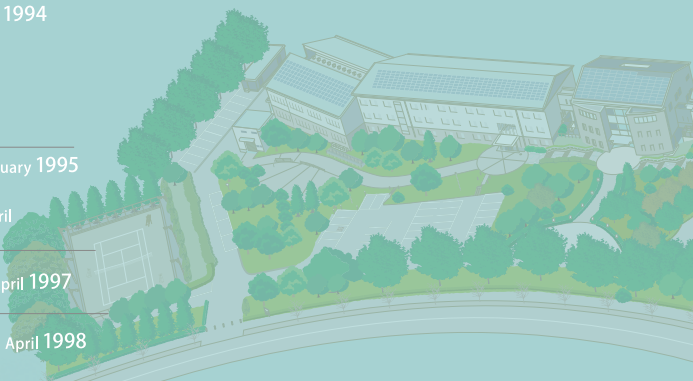
Construction of the School of Advanced Sciences building for research (3,060m^2) begins at the Hayama Campus.

April 1999

The School of Cultural Studies changes its name to "The School of Cultural and Social Studies".
The Department of Japanese History is established in the School of Cultural and Social Studies, and The Department of Particle and Nuclear Physics is established in the School of Mathematical and Physical Science; matriculation begins in both new Departments. The School of Advanced Sciences commences matriculation.

June

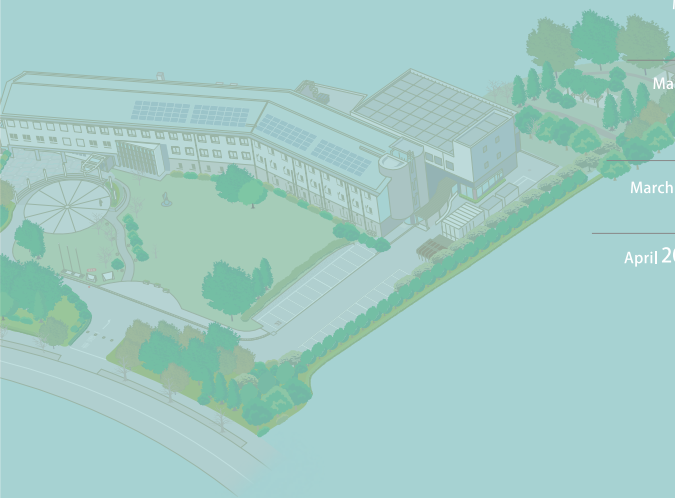
Construction completed on the research building for the School of Advanced Sciences.



History of SOKENDAI Presidents

The 1st President	Saburo, Nagakura(DSc) Oct.1988 to Mar.1995
The 2nd President	Eizi, Hirota(DSc) Apr.1995 to Mar.2001
The 3rd President	Keiichi, Kodaira(DSc) Apr.2001 to Mar.2008
The 4th President	Naoyuki, Takahata(DSc) Apr.2008 to Mar.2014
The 5th President	Yasunobu, Okada(MB) Apr.2014 to Mar.2017
The 6th President	Mariko, Hasegawa(DSc) Apr.2017 to Mar.2023
The 7th President	Takashi, Nagata(DSc) Apr.2023 to present

April 2001	Dr.Keiichi Kodaira is appointed as the third President. Dr.Naoyuki Takahata is appointed as the third Vice President. The Department of Cyber Society and Culture (School of Cultural and Social Studies) is established; matriculation begins
July	Construction begins on the Hayama Campus Library (1,427m^2).
February 2002	Library construction completed.
April	The Department of Informatics established in the School of Mathematical and Physical Science; matriculation begins.
April 2003	The Department of Japanese Literature (School of Cultural and Social Studies), and the Department of Space and Astronautical Science (School of Mathematical and Physical Science) are established; matriculation begins.
October	"The National University Corporation Law (Law No. 112 of 2003)" is promulgated and enforced.
April 2004	Reformation into the National University Corporation, Graduate University for Advanced Studies Dr. Sc. Keiichi Kodaira is reappointed as the President of the University. The School of Mathematical and Physical Science is reformed into three schools: the School of Physical Science (including the departments of Structural Molecular Science, Functional Molecular Science, Astronomical Science, Fusion Science and Space and Astronautical Science), the School of High Energy Accelerator Science (including the departments of Accelerator Science, Materials Structure Science, Particle and Nuclear Physics), and the School of Multidisciplinary Science (including the departments of Statistical Science, Polar Science and Informatics). The School of Life Science has reformed a three-year doctoral program into a five-year doctoral program.
April 2005	The name of the Department of Molecular Biomechanics at the School of Life Science has changed to the Department of Basic Biology.
April 2006	The School of Physical Sciences, the School of High Energy Accelerator Science, and the School of Multidisciplinary Sciences have implemented the five-year doctoral program system. The Schools have begun to accept students.
April 2007	The School of Advanced Sciences is reorganized to establish the Department of Evolutionary Studies of Biosystems (providing a five year doctoral program), in stead of its two existing departments, the Department of Biosystems Science and the Department of Photo Science (providing three-year doctoral programs), matriculation begins.
April 2008	Dr. Naoyuki Takahata has been appointed as the fourth President.
April 2009	The Department of Cyber Society and Culture has stopped accepting new students.
March 2010	Construction of the Center for the Promotion of Integrated Sciences(1,033m^2) begins at the Hayama Campus.
April	The name of Hayama Center for Advanced Studies has changed to the Center for the Promotion of Integrated Sciences.
January 2011	Construction of the Center for the Promotion of Integrated Sciences is completed.
April 2013	Information Services and Technology Center is established.
April 2014	Dr. Yasunobu Okada has been appointed as the fifth President.
July 2015	The Center for Academic Information Services is established by unification of the University Library and the Information Services and Technology Center.
March 2017	Department of Cyber Society and Culture abolished. (Dept. operation period from 2001.4.1 to 2017.3.31)
April	Dr. Mariko Hasegawa has been appointed as the sixth President.
March 2018	The Center for Educational Development is established.
April	The Center for the Promotion of Integrated Sciences is abolished. SOKENDAI Tokyo Branch is established (Minato-ku, Tokyo)
March 2022	Tokyo branch abolished.
April	Research Center for Integrative Evolutionary Science is established.
April 2023	Dr. Takashi Nagata has been appointed as the seventh President. Graduate Institute for Advanced Studies is established, matriculation begins. The Center for Educational Development is reorganized to establish The Center for Educational Planning Development. School of Cultural and Social Studies, School of Physical Sciences, School of High Energy Accelerator Sciences, School of Multidisciplinary Science, School of Life Sciences, School of Advanced Sciences abolished.



Anthropological Studies

National Museum of Ethnology

National Institutes for the Humanities

This program is offered by the National Museum of Ethnology. Students will conduct research on the diverse cultures of mankind in various parts of the world from prehistoric times to the present. From the perspective of cultural anthropology, ethnology, and related fields, students will be instructed in ethnographic research that describes and analyzes a specific culture, and cross-cultural research that compares cultures from a specific perspective. Students will complete their dissertation by utilizing data obtained through field research as well as specimens, audio-visual materials, and literature of the National Museum of Ethnology.

〉〉 Program Outline : Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Researchers at universities and research institutes,museums and other institutions of higher education in cultural anthropology.
- Past graduates of the program have been employed by Osaka University, Ritsumeikan University, Tokyo University of Foreign Studies,etc.

Picking tea leaf at a tea garden that was originally a slush-burn field (Shizuoka City, 2021 / photo by Kaori Kawakami)

Students having a lively discussion

Shearing and Branding 2-year-old camels. (Alxa League, Inner Mongolia, China, 2021 / photo by Wu Wuyunga)

〉〉 Chair

MINAMI Makito

A distinctive feature of the program is the production of a doctoral thesis with an ethnographic description based on fieldwork, irrespective of the region or theme under research. We want students to be generalists with knowledge of a wide range of cultural phenomena, as well as specialists in a particular region or theme. To this end, students can make use not only of the program' s lectures and seminars but also of the museum's resources, research projects, academic conferences, exhibitions, and lectures for general visitors, performances, and film shows.

National Museum of Ethnology

- 10-1 Senri Expo Park , Suita City, Osaka 565-8511, Japan
- https://www.minpaku.ac.jp/en

Japanese Studies

International Research Center for Japanese Studies

National Institutes for the Humanities

The Japanese Studies program facilitates the pursuit of an international and interdisciplinary Japanese studies encompassing the humanities, social sciences, and the natural sciences. Key to this is the involvement of all our faculty in teaching and research guidance.
The program requires candidates to take courses on “Theory and Methodology in Japanese Studies” , “Interdisciplinary Research” , and “Dissertation Work in Advanced Studites” , which provide the theoretical and methodological basis for conducting Japanese studies from a global perspective. Through these courses and guided research, we will foster researchers with creative and highly specialized perspectives, equipped to undertake Japanese studies in the twenty-first century.

〉〉 Program Outline : Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Researchers in humanities, social sciences, and natural sciences at national level research institutes or private companies; faculty members in humanities, social sciences, and natural sciences departments at universities; researchers conducting cutting-edge project-based research at private companies
- Specialized historians at universities and research institutes; or faculty engaged in education and research on Japanese and regional cultures at universities and other institutions of higher education; researchers and curators at museums, etc.
- Researchers in the private and public sectors in the fields of humanities, social sciences, natural sciences, etc.
- Places where our graduates have been employed:
  Akita University, Tokyo Institute of Technology, Kyoto University, Nara Women's University, Hiroshima University, Kochi Women's University, Miyazaki Municipal University, Institute of Technologists, Otsuma Women's University, Chubu University, Kyoto Women's University, Kyoto Seika University, Kyoto Bunkyo University, Shuchiin University, Doshisha Women's University College of Liberal Arts, Northeast Normal University, Hakuho Women's College, International Research Center for Japanese Studies, National Museum of Japanese History, Japan Society for the Promotion of Science, JSPS Postdoctoral Fellowships for Research in Japan, Chulalongkorn University, Padjadjaran University, IRIS Inc., East China Normal University,Teikyo University, Kyushu University, Osaka University, Osaka Metropolitan University,Jiangsu University of Technology, National Pingtung University, Beijing Language and Culture University, Aichi Shukutoku University, Jiangxi University of Science and Technology,Qingdao University,Qufu Normal University,Shanghai University,Shanghai Normal University,Nagasaki Prefectual Board of Education, etc.

Library of the International Research Center for Japanese Studies

International symposium offering graduate students an opportunity to present their research

Graduate student project presentation meeting organized by the students themselves

Japanese ceremonies: wedding and funeral

Kanei gyoukou zukan (The Illustrated Record of Emperor Go-mizuno-o’ s Formal Visit to Nijo Castle)

Miyako nenju gyoji gajo [Picture Album of Annual Festivals in Miyako]

〉〉 Chair

ISODA Michifumi

Those who enroll in this course can gain research abilities with broad perspectives, under the guidance of multiple instructors, not merely their supervisor. Each instructor is an expert in their field, can manage various research fields in a cross-sectional manner. With such a favorable international and interdisciplinary environment, we consider it the mission of this course to cultivate researchers who will play an active role in both domestic and international academic societies in the future. We welcome applicants who aspire to undertake innovative research with a global perspective.

International Research Center for Japanese Studies
- 3-2 Oeyama-cho, Goryo ,Nishikyo-ku, Kyoto 610-1192 Japan
- https://www.nichibun.ac.jp/en/

Japanese History

National Museum of Japanese History

National Institutes for the Humanities

This program on Japanese History aims to nurture researchers with a broad perspective and international standing, in the field of Japanese history. We aim to produce graduates who can conduct advanced research in Japanese history, based on the methods required for specific fields of specialization, and nurture human resources who can contribute to society with their advanced research skills. We aim to foster researchers with advanced comprehensive abilities through guidance from specialists in the fields of document-based historical research, archaeology, folklore studies, and analytical sciences, and by making use of the vast amounts of tangible material resources and diverse information resources held at the National Museum of Japanese History, which also offers this program.

〉〉 Program Outline : Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Career Opportunities:
  Researchers for specialized fields such as history, folklore, and archaeology at universities and research institutes; researchers and curators for museums; etc.

This is a lecture scene in the exhibition room of the National Museum of Japanese History (in front of the "Naumann Elephant"). The museum houses approximately 300,000 materials on history, archaeology, and folklore.

Lecture in front of a model of an authorized trading ship with a vermilion seal in Exhibition Room 2.

〉〉 Chair

MATSUGI Takehiko

In this program, students will be able to conduct practical research that only a museum can provide, utilizing the vast collection of materials and state-of-the-art equipment held by the National Museum of Japanese History (Rekihaku). At the same time, you will have the opportunity to collaborate with the other 19 programs covering almost all academic fields in the humanities and sciences. Let's aim for the world's top historical research, originating in Japan!

National Museum of Japanese History
- 117 Jonai-cho, Sakura City, Chiba Prefecture 285-8502
- https://www.rekihaku.ac.jp/english/index.html

Japanese Literature

National Institute of Japanese Literature

National Institutes for the Humanities

This program on Japanese Literature aims to nurture and produce doctoral students who will take over, and develop the study of Japanese literature with the academic community of Japanese literature (domestic literature)as the main stakeholder. To this end, this program fosters individuals who can contribute to research in this field, and make unique contributions to society by tackling the issues that include using original ideas from peripheral fields and interdisciplinary perspectives, based on a comprehensive expertise in the core discipline of Japanese literature.

〉〉 **Program Outline :** Three-year doctoral program
Doctor of philosophy

〉〉 **Career Options for Graduates in this Program:**

- Career Opportunities:
  Specialized researchers of Japanese literature at universities and research institutions, faculty members engagedin education and research of Japanese literature at universities and other institutions of higher education, curators at art galleries and museums, etc.

Closed stacks at the National Institute of Japanese Literature

Classes are conducted in the institute's library with materials in NIJL's collections.

Graduate School Library

〉〉 **Chair**

SAITO Maori

The Japanese Literature Program, which is based on the National Institute of Japanese Literature fosters professionals to lead new developments in Japanese literature. The program focuses on primary materials such as documents among cultural resources and aims to acquire specialized research skills and comprehensive analytical skills and knowledge. Thus, this program fosters researchers having broad, unique and interdisciplinary perspectives who can tackle issues in peripheral fields with abilities to think logically and express oneself in writing.

National Institute of Japanese Literature
- 10-3 Midori-cho, Tachikawa city, TOKYO 190-0014, Japan
- https://www.nijl.ac.jp/en/

Japanese Language Sciences

National Institute for Japanese Language and Linguistics

National Institutes for the Humanities

We aim to foster a future generation of researchers who can objectively and quantitatively analyze the Japanese language based on data. To this end, we utilize the linguistic resources and research networks of the National Institute for Japanese Language and Linguistics (NINJAL) to cultivate the skills and abilities necessary to conduct linguistic analyses using new methods including theory-based investigation, experiments, fieldwork, social surveys, and computer simulations, in addition to conventional methods of analysis.

〉〉 Program Outline : Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Possible career paths for graduates:

  University faculty members and researchers who conduct research using Japanese language information processing and data science in the fields of Japanese language studies and Japanese language education
  Data scientists and natural language processing engineers who are active in the information processing industry using their linguistic expertise
  Curators, archivists, and local government officials with linguistic expertise
  Researchers and educators who teach the Japanese language in Japan and abroad
  Developers of digital teaching materials related to Japanese language for native speakers and Japanese as a foreign language

The World Atlas of Transitivity Pairs (WATP)

Collective search of multiple language corpora

"Kenshukuryōko-shū" published in 1695 about kana orthography of "じぢずづ."

〉〉 Chair

MATSUMOTO Yo

The Japanese Language Sciences Program has a notable feature among graduate programs in Japan that focus on the study of language: It allows students to conduct research on language in an environment where a wide range of research activities are being conducted, not only in the field of humanities, but also in the field of mathematical and information sciences. This is the reason why the program is named "Japanese Language Sciences," rather than Japanese linguistics or Linguistics. The Program in Japanese Language Sciences welcomes young researchers who are willing to take on the challenge of conducting original linguistic research.

National Institute for Japanese Language and Linguistics
- 10-2 Midori-cho, Tachikawa City, Tokyo, 190-8561
- https://www.ninjal.ac.jp/english/

Socializing in the 16th floor lounge

Poster Exhibition at an Open House

High-performance cloud for in-house research

〉〉 Chair

YAMADA Seiji

Informatics is a comprehensive academic field including computer sciences, information engineering, artificial intelligence, and mathematics—which are necessary for data scientists. In addition, it includes humane and social informatics, which focus on humans and their society.
This program aims to nurture outstanding researchers and highly skilled professionals by conducting research and education in the various phases of basic, applied, and practical informatics, and train and develop leaders who are able to hold international leadership.

Informatics

National Institute of Informatics

Research Organization of Information and Systems

Informatics is a comprehensive academic field that covers computer sciences, information engineering, artificial intelligence, and mathematics—which are necessary for data scientists. In addition, it covers humane and social informatics, which focus on mankind and society. This program aims to nurture outstanding researchers and highly skilled professionals by conducting research and education in the various phases of basic, applied, and practical informatics, and train and develop leaders who can hold leadership roles at the international level.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Researchers and engineers engaged in the field of informatics (basic theory and application of information technology (IT), basic and applied AI and data sciences, etc.) at domestic and overseas universities, public research institutions, and private companies
- Faculty in the department of informatics at universities and other institutions
- Researchers and engineers who can conduct project-based research on informatics at companies and universities

National Institute of Informatics

- 2-1-2 Hitotsubashi, Chiyoda-ku, Tokyo, 101-8430 Japan
- https://www.nii.ac.jp/en/

Statistical Science

The Institute of Statistical Mathematics

Research Organization of Information and Systems

The program of Statistical Science aims to cultivate individuals who possess creative research skills to contribute to solving various important intricately-intertwined problems. To this end, the program conducts education and research related to the basics, mathematics and applications of data collection designs, modeling, inference and prediction, and equip students with the ability to extract information and knowledge from the real world based on the effective use of data.

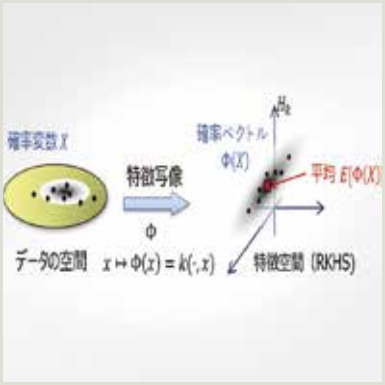
〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Local and foreign universities, national and corporate research institutes, private companies (e.g., IT, manufacturing, financial, and pharmaceutical companies), etc.

Library of the Institute of Statistical Mathematics



Kernel method

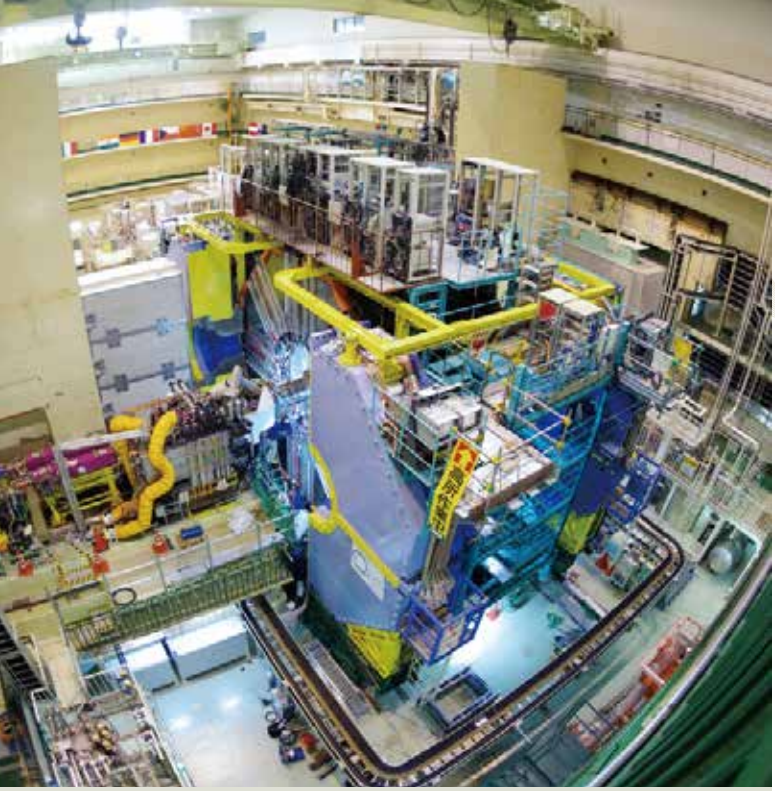
〉〉 Chair

FUJISAWA Hironori

The Institute of Statistical Mathematics provides an environment that allows smooth access to cutting-edge research. This environment enables graduate students to come into contact with cutting-edge research easily. Various research projects are in progress, and graduate students can participate in any that interest them. The graduate students are guided by primary supervisors and sub-supervisors, and various courses are offered to help the graduate students acquire basic skills. The Statistical Science program is considered the best environment in Japan for studying and researching statistical science.

The Institute of Statistical Mathematics

- 10-3 Midori-cho, Tachikawa, Tokyo, 190-8562 Japan
- https://www.ism.ac.jp/index_e.html



The SuperKEKB accelerator and Belle II measuring instrument, which started operations to enhance luminosity by 40 times ©KEK

T2K near detector ©KEK

Daily discussions in the theory group by SOKENDAI students and their supervisor ©KEK

Particle and Nuclear Physics

Institute of Particle and Nuclear Studies

High Energy Accelerator Research Organization

Exploring the Mysteries of Matter and the Universe

In this program at the Institute for Particle and Nuclear Studies of the High Energy Accelerator Research Organization (KEK), students belong to theoretical or experimental groups. They receive a rounded graduate education, which include lectures and research guidance from staff members, who are also SOKENDAI faculty members. This research and education program aims to develop researchers who can contribute to the further development of fields related to particle physics, nuclear physics and cosmology. By taking advantage of the rich environment at KEK, which is an international research center in this field, this program fosters researchers with a broad perspective, high levels of expertise, and international capabilities who can head the direction of research in related fields, at the global level.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program

Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Career Opportunities: Researchers and university faculty members in particle physics, nuclear physics, cosmology and related fields; researchers and engineers who carry out cutting-edge project-based research at companies and national laboratories; and researchers and engineers in the private and public sectors in the fields of nuclear power, radiation, information processing, electricity, electronics, and communications.

〉〉 Chair

NISHIMURA Jun

KEK has been playing a central role in exploring the frontiers of particle and nuclear physics as one of the leading research institutes in the world such as CERN in Europe. SOKENDAI students belong to either theoretical or experimental group in KEK and are involved in a cutting-edge research project, which enables them to acquire all the skills and capabilities required to become a researcher by the time they get Ph.D. There are indeed many people who are already working worldwide after finishing the program.
We welcome all the students who wish to become a researcher in this extraordinary environment for research and education.

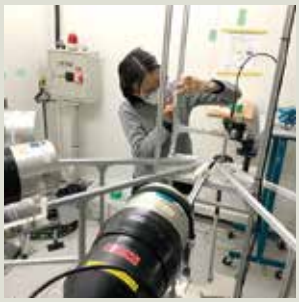
Institute of Particle and Nuclear Studies

- 1-1 Oho, Tsukuba, Ibaraki, 305-0801 Japan
- https://www2.kek.jp/ipns/en/

Superconducting magnets in the J-PARC Neutrino Experimental Facility

Assembling work of fast beam kicker

Beam study at Photon Factory (PF) electron storage ring



Installation of detectors for photoneutron measurement

Accelerator Science

Accelerator Laboratory / Applied Research Laboratory

High Energy Accelerator Research Organization

The Science of Accelerators—the Ultimate Material Exploration Device

High energy accelerators are powerful tools for exploring the various components of each level of the natural world—from the simplest elementary particles and nuclei to atoms, molecules, and complex and exquisite life forms. The main goal of this program is to promote natural sciences by improving the performance of accelerators and to provide education on the specialized technology required for from both theoretical and experimental aspects, including research on the principles of accelerators and the development of advanced accelerator technologies. At the same time, through education and research in closely related fields such as radiation science,computer science, superconducting technology, and mechanical engineering, this program will comprehensively produce graduates who can play a central role in the future of accelerator science.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Researchers at domestic and foreign accelerator related research institutes and private companies

〉〉 Chair

KAMITANI Takuya

In the Accelerator Science Program, the world's most advanced large accelerators of the High Energy Accelerator Research Organization (KEK) are in operation close at hand, and students can carry out research in an environment where advanced technological development and research in various scientific and technological fields of the accelerators are being conducted. Students learn basic knowledge about accelerators and gain practical experience using a compact accelerator for educational purposes, before carrying out doctoral research in their specialized field. We welcome those who are willing to find and solve problems on their own while collaborating with others.

Accelerator Laboratory / Applied Research Laboratory

- 1-1 Oho, Tsukuba, Ibaraki, 305-0801 Japan
- https://www2.kek.jp/accl/eng/
- https://www2.kek.jp/arl/en/home-en/

Astronomical Science

National Astronomical Observatory of Japan

National Institutes of Natural Sciences

This program focuses on observational and theoretical research, along with instrumentation research for astronomy and related fields. The program infrastructure provides a research environment with the world's most advanced observational instruments and supercomputers. We aim to foster 1) researchers who can play an active role at the forefront of the international research; 2) specialists who will play leading roles in the development of advanced technology; and 3) personnel who will work to promote science against the back drop of advanced technical knowledge. We seek students who have a strong desire to tackle the problems they face, possess advanced academic skills, and are logical and creative.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Research and education staff in astronomical sciences and related fields at universities and research institutes in Japan and abroad; engineers at private companies; and science communicators

ALMA ©X-CAM/ALMA (ESO/NAOJ/NRAO)

ATERUI II, a supercomputer for astronomy

〉〉 Chair

SEKII Takashi

In Astronomical Science Program, of the Graduate University for Advanced Studies, students are engaged in astronomical research through theory, observations, or development of new observational instruments. National Astronomical Observatory of Japan, with researchers from many diverse fields, provides an auspicious setting where many graduate students can study and pursue their own research. Are you good at math and physics? Do you enjoy programming? Does actually observing the universe thrill you like nothing else? Do you get excited putting together instruments and apparatuses? If your answer is yes for any of these, there is a place here for your activities. Please come and study at the Astronomical Science Program.

National Astronomical Observatory

- 2-21-1 Osawa, Mitaka, Tokyo, 181-8588 Japan
- https://www.nao.ac.jp/en/

Fusion Science

National Institute for Fusion Science

National Institutes of Natural Sciences

Be Born the Cosmic Energy on Earth

We aim to further studies on fusion energy, by fostering high quality researchers who can provide international leadership in the field. Graduates from our program will be able to use their advanced expertise in experimental physics and theoretical research on the confinement and stability of high temperature plasmas to contribute to society, conduct research in simulation science to elucidate these physical phenomena, and conduct elemental research on fusion reactor technology, including heating, measurement, superconductivity, and materials technology.

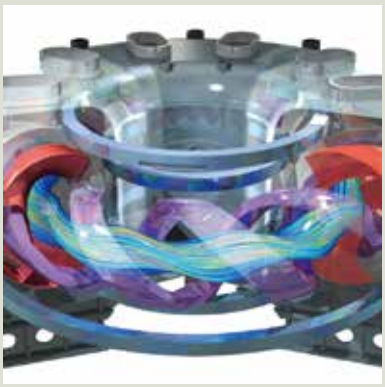
〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Career Opportunities for Graduates

  Engineers and researchers in fusion and related fields at national laboratories; faculty members in fusion studies (plasma experiments, theory, materials engineering, superconducting engineering, etc.) at universities; engineers and researchers who carry out cutting-edge project-based research at companies; etc.



The simulation of microscopic instability in core plasmas of large helical devices using a gyrokinetic particle code

Simulation of turbulence from LHD first-principles

〉〉 Chair

SAKAKIBARA Satoru

The Fusion Science Program seeks students who are actively engaged in unexplored research subjects such as understanding of plasma physics, development of measurement devices, control technology, development and research of materials with excellent heat and radiation resistance required for reactors, and superconductivity technology, in order to realize a fusion reactor at an early date. Our goal is to develop general engineers who can be applied to any research field by honing their own skills with fusion science research as their axis. We look forward to your challenge.

National Institute for Fusion Science

- 322-6, Oroshi-cho, Toki, Gifu, 509-5292 Japan
- https://www.nifs.ac.jp/en/

Space and Astronautical Science

Institute of Space and Astronautical Science

Japan Aerospace Exploration Agency

This program provides comprehensive and cross-disciplinary education and research guidance in the fields of space science and engineering, namely solar system science and astrophysics and development of space technology. This program will foster researchers with high level expertise, broad perspectives, and international competitiveness. They are expected to lead future space science, development of space technologies, and utilization of space missions.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

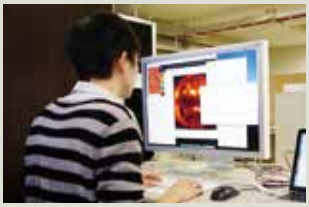
〉〉 Career Options for Graduates in this Program:

- Researchres in the field of space science (astrophysics, solar system science, space engineering) at universities, national laboratories, etc.; engineers and researchers in space development and related fields at private companies and national laboratories;engineers who carry out cutting-edge project-based research at private and public companies, etc.


An artist's impression of Hayabusa-2 attempting touchdown onto an artificial crater on the asteroid Ryugu.


X-ray Imaging and Spectroscopy Mission (XRISM), which will unveil the mysteries of the universe ©JAXA


Epsilon rocket on a launch pad ©JAXA


Data analysis of satellite observation


An laboratory experiment


Participation in the sounding rocket experiment as the Field works course.

〉〉 Chair

DOTANI Tadayasu

The Space and Astronautical Science Program utilizes the rare environment of the world-leading institute for space science and engineering, and provides students an opportunity for high-level education and advanced research. The program covers a wide range of fields such as launch vehicles, spacecrafts, and scientific balloons. Students can learn practical research by touching on the most advanced and complex space projects. We are looking forward to the application of students who have a strong interest and motivation in space science and engineering.

Institute of Space and Astronautical Science

- 3-1-1 Yoshinodai, Chuo-ku, Sagamihara, Kanagawa, 252-5210 japan
- https://www.isas.jaxa.jp/en/

Molecular Science

Institute for Molecular Science

National Institutes of Natural Sciences

This program, offered by the Institute for Molecular Science (Okazaki City), fosters a future generation of researchers who will establish a systematic understanding of molecules—which are the basic constituent units of matter—and elucidate the diverse phenomena that matter presents. We aim to produce graduates who can conduct advanced research (experiments, measurements, theories, etc.), rationally understand the results of their research, challenge unexplored problems with creative ideas, create new intellectual values and universal truths, and contribute to the development of humanity based on molecular science.

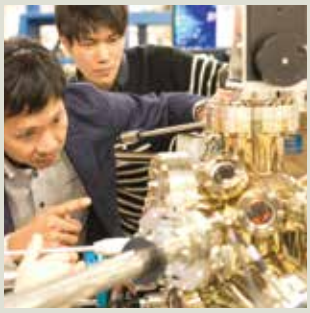
〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Career Opportunities for Graduates:

  Researchers and faculty members in the field of molecular science at universities and national and public research institutes; Researchers and engineers who pursue advanced research challenges through public research projects and in private research institutes.



Measurement of the electronic state by photoelectron spectroscopy

UVSOR Synchrotron Facility

Purification of proteins by high-performance liquid chromatography

〉〉 Chair

YOKOYAMA Toshihiko

"Molecular science" was born as an interdisciplinary field linking chemistry and physics. In recent years, the research field has expanded greatly to include not only chemistry and physics but also biology. In this course, students will learn the cutting edge of molecular science through lectures and experiments by faculty members who are conducting research from the perspectives of (1) observation of unique structures and functions of molecules and molecular assemblies and development of new observation methods, (2) elucidation of the origins of such unique structures and functions through experimental and theoretical researches, and (3) design and synthesis of molecules and molecular assemblies having new structures and functions. We hope that through the experience of being at the cutting edge of academia, you will acquire scientific basis for a great future.

Institute for Molecular Science

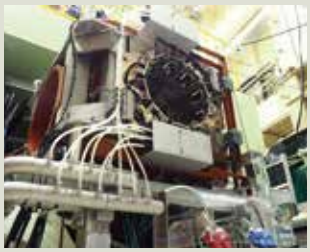
- 38 Nishigonaka, Myodaiji, Okazaki, Aichi, 444-8585 Japan
- https://www.ims.ac.jp/en/

Biological macromolecular X-ray crsytallography experiment using synchrotron radiation

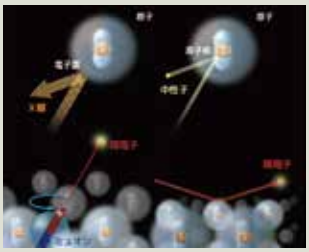
Synchrotron Radiation Facility, Photon Factory (PF) ©IMSS

Experimental hall of PF ©IMSS

Experimental Hall of Materials and Life Science Experimental Facility (MLF) ©IMSS



Muon D1 Instrument of MLF ©IMSS



Four kinds of quantum beams

〉〉 Chair

SETO Hideki

In The Materials Structure Science Program, cutting-edge scientific research is conducted using quantum beams such as synchrotron radiation, neutrons, muons, and slow positrons obtained from large accelerators. In this context, the program fosters researchers who will lead sciences and technologies on the structure and function of materials in a wide range of research fields. Graduates of the program are expected to become not only core researchers at domestic or overseas quantum beam facilities, but also power users who promote research using quantum beams.

Materials Structure Science

Institute of Materials Structure Science

High Energy Accelerator Research Organization

The World of Nanotechnology opened by Synchrotron Radiation, Neutrons, Muons, and Slow positrons

In this program, students can attend lectures and receive research guidance on cutting-edge materials science and life science, which employ the four quantum beams obtained from accelerators: synchrotron radiation, neutrons, muons, and slow positrons. In addition to research on a wide range of fields such as physics, chemistry, life sciences, applications in medical science, environmental sciences, and geophysics, students can also contribute to the development of new frontiers in materials science through the advancement of technologies for generating and using quantum beams. In a rich environment with access to multiple quantum beams, we will train researchers to develop broader perspective and expertise, and can play an active role on the international stage.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program

Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Career Opportunities:

  Engineers and researchers at domestic and overseas quantum beam facilities; faculty members and researchers in material sciences and life sciences departments at universities and public research institutions; engineers and researchers who carry out and lead cutting-edge project-based research at public and private companies.

Institute of Materials Structure Science
- 1-1 Oho, Tsukuba, Ibaraki, 305-0801 Japan
- https://www2.kek.jp/imss/eng/

Global Environmental Studies

Research Institute for Humanity and Nature

National Institutes for the Humanities

The program of Global Environmental Studies is based on international research projects promoted by the Research Institute for Humanity and Nature (RIHN). This interdisciplinary research with elements of transdisciplinarity utilizes a problem-solving approach in collaboration with society. The program is designed for students to gain knowledge and methodologies accumulated by the academic fields that constitute Global Environmental Studies and to become independent researchers who will engage in solving global environmental issues with their expertise. In addition, the program will provide research training that avails the research environment for cutting-edge research and the advantages of small-group education.

〉〉 Program Outline : Three-year doctoral program
Doctor of philosophy

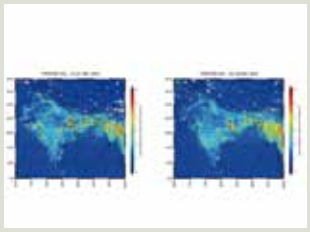
〉〉 Career Options for Graduates in this Program:

- Career Opportunities for Graduates
- Faculties engaged in education and research on environmental studies at universities and other institutions of higher education
  Engineers, researchers, and support staff in environment-related fields at companies, government offices, national and public research institutes, local governments, international organizations, and NGOs
  Researchers and curators at museums and other institutions

Project laboratory which reflects a research environment that allows for debates and mutually inspiring interactions without being bound by traditional laboratory setting

One of the best analytical research environments for stable isotope analysis in Japan

TD training course co-hosted by RIHN and the Future Earth Asia Regional Center (TERRA School 2019)



Changes in the concentration of nitrogen dioxide captured by satellite data (TROPOMI). (Left) directly before lockdown, (Right) immediately after lockdown (Aakash Project, implementation period: 2020-2024)

"Mizu-no-wa Classroom" in Yaese Town, Okinawa. Springwater survey with local children (LINKAGE project, implementation period: 2022-2026)

Towards sustainable use of nitrogen (Sustai-N-able Project、2022-2027)

〉〉 Chair

TAYASU Ichiro

The Program in Global Environmental Studies is newly established in SOKENDAI in FY2023. RIHN offers a range of unique opportunities in global environmental research, including making use of RIHN's interdisciplinary research projects and the related expertise of individual faculty members. We look forward to meeting applicants who strive to promote unique research perspectives, and who will benefit from the wide range of lectures and seminars in Global Environmental Studies offered at RIHN.

Research Institute for Humanity and Nature
- 457-4 Motoyama, Kita-Ku, Kyoto, 603-8047
- https://www.chikyu.ac.jp/rihn_e/

Polar Science

National Institute of Polar Research

Research Organization of Information and Systems

This program aims to nurture outstanding researchers with advanced research capabilities in space and planetary science, solar-terrestrial physics, atmospheric, oceanic, snow and ice sciences, solid earth science, and life science. It will enable graduates to explore universal principles and laws governing various natural and physical phenomena in the polar regions and high mountains. It also aims to elucidate the role of polar regions in the global planetary system, and variations in the global environment, as well as the geological and natural histories of polar regions.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Researchers and engineers in the field ofearth and planetary sciences and other related science and engineering fields atuniversities, national laboratories, private companies, etc.

Aurora Borealis in Antarctica
(photo by Hidehiko Suzuki, M.S. Polar Science)

Photo taken from the Antarctic Observation Ship, Shirase
(photo by Keigo Takahashi, Department of Polar Science)

Penguins in Antarctica
(photo by Moto Kawamata, M.S. Polar Science)

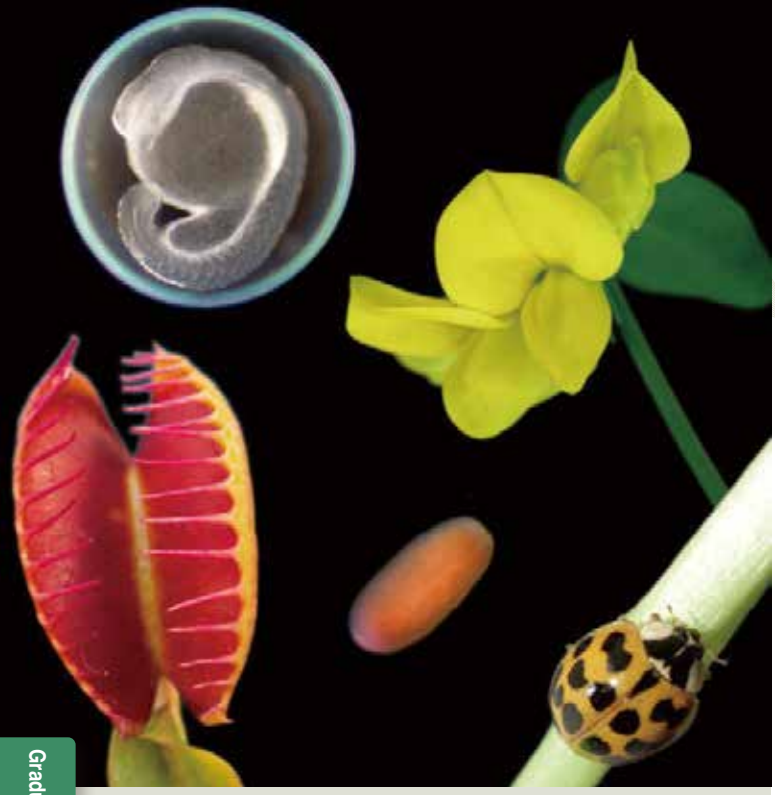
〉〉 Chair

HIRAWAKE Toru

The Polar Science Program conducts education and research focused on natural phenomena occurring in the regions of the North and South Poles, embracing a view of the Earth as a global-scale environment. Through these activities, we strive to cultivate outstanding researchers equipped with advanced research and the ability to work as "field scientists". The program welcomes students with the desire to take up the emerging challenges of polar science in a new era.

National Institute of Polar Research

- 10-3 Midori-cho, Tachikawa, Tokyo, 190-8518 Japan
- https://www.nipr.ac.jp/english/



Basic Biology

National Institute for Basic Biology

National Institutes of Natural Sciences

In the Basic Biology program, students will investigate the commonality and diversity that characterize living organisms, the universal mechanisms and the structure that maintain them, and the mechanisms of change that produce diversity. This program aims to train researchers who can discover more fundamental and important problems in biological sciences, and challenge themselves to solve these by cultivating the advanced research skills and rich academic knowledge necessary to conduct independent research activities as a researcher in this field.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Faculty members and researchers in life science and related fields at universities and research institutes; skilled professionals in charge of research and development at companies that engage life sciences, chemical sciences,pharmaceuticals, medical sciences, and other related fields

A variety of model organisms and novel model organisms under study

At the Laboratory

At the Laboratory

Graduation ceremony at the National Institute for Basic Biology

National Institute for Basic Biology, Myodaiji area

National Institute for Basic Biology, Yamate area

〉〉 Chair

NIIMI Teruyuki

In the Basic Biology program, we challenge innovative biology by harnessing the unique traits of diverse organisms and employing cutting-edge technologies. Our goal is to foster students' distinct problem-finding and problem-solving abilities and to develop the qualities of researchers who can lead future biological research. Together, let's collaborate and embark on the exciting journey of exploring new frontiers in biology.

National Institute for Basic Biology

- 38 Nishigonaka, Myodaiji, Okazaki, 444-8585 Japan
- https://www.nibb.ac.jp/en/

Physiological Sciences

National Institute for Physiological Sciences

National Institutes of Natural Sciences

The Physiological Sciences program provides education and research guidance to comprehensively clarify the mechanisms of body functions, from the molecular-cellular level, which is the basic structure of living organisms, to the whole-body level, which is composed of systems. We train researchers to be active participants in the fields of medicine and life sciences, with a focus on physiology and neuroscience.

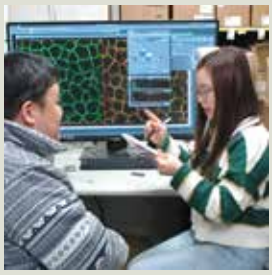
〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

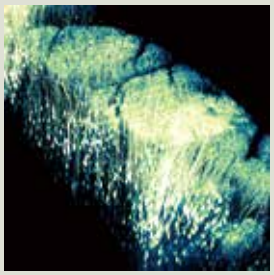
〉〉 Career Options for Graduates in this Program:

- Academic research institutions, life science-related companies, etc.

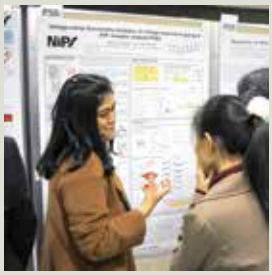
Research environment with access to advanced equipment



Careful research guidance in small groups



Three-dimensional imaging of living neurons in the brain



Presentation and discussion of research findings at an international meeting

A scene from the degree conferment ceremony

Magnetic resonance imaging of human brain

〉〉 Chair

FURUSE Mikio

The Physiological Sciences Program promotes research that leads to a better understanding of how the human body works and its mechanisms, with a particular focus on the brain, nerves, and the functions of organ systems interconnected with the brain. Research on the mechanisms of our body is directly related to maintaining health and understanding pathological conditions. Students who are interested in the human body in life science are invited to join us in the Physiological Sciences Program, which offers an excellent research environment.

National Institute for Physiological Sciences

- 38 Nishigonaka, Myodaiji, Okazaki, 444-8585 Japan
- https://www.nips.ac.jp/eng/

Genetics

National Institute of Genetics

Research Organization of Information and Systems

This program fosters the ability of students to contribute as independent researchers in developing the field of life sciences, with genetics at its core. In addition to gaining the expertise to produce results from new and advanced research through thorough research guidance by multiple faculty members, this program fosters graduates with a deep insight and knowledge of the life science field, the ability to conceptualize the future of the field, to understand, discuss, and express science in English, and maintain high ethical standards as a researcher.

〉〉 Program Outline :

Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

- Researchers at universities / research institutes / private companies both in Japan and abroad, engineers in information technology / intellectual property management, and publishers

Access to research facilities with advanced technology

Develop ability to think and debate logically through practical discussion

Students may choose how deeply to immerse themselves in research

At poster presentations students can discuss their research progress with numerous faculty and researchers from the institute

Frequent seminars by researchers from around the world in a wide variety of related fields

〉〉 Chair

IWASATOTakuji

Graduate students in the Genetics Program can enjoy science in the enriched environment of National Institute of Genetics (NIG). NIG has more numbers of faculties than students, thus, each student can choose some faculties from other NIG labs as his/her Progress Committee members and can obtain advice on his/her research from them at any time. The Progress Committee system is useful for students to widen the scope of their research by obtaining guidance from faculties having varying expertise. Alumni who received their basic training in NIG to become scientists play important roles in broad fields, both academic and non-academic.

National Institute of Genetics

- 1111 Yata, Mishima, Shizuoka, 411-8540 Japan
- https://www.nig.ac.jp/nig/

Integrative Evolutionary Science

Research Center for Integrative Evolutionary Science

A New Outlook on Life and the Future

Our aimis to foster individuals who can independently conduct outstanding research and contribute to society with a high level of expertise in either the field of biological evolution or the field of science and society. We offer programs where students acquire the skill to present and discuss their research and conduct internationally organized research projects with their expertise. At the same time, we offer programs that aim to cultivate individuals who have a broad perspective on scientific research, understand the relationship between science and society, and have a high awareness of research ethics.

〉〉 Program Outline :

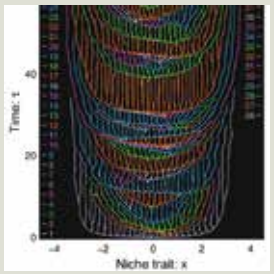
Five-year doctoral program /Three-year doctoral program
Doctor of philosophy

〉〉 Career Options for Graduates in this Program:

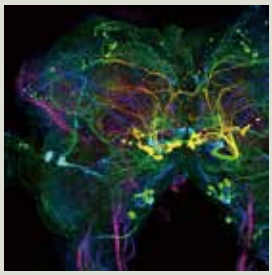
- Researchers in the field of life sciences (evolutionary biology, molecular biology, genetics, ecology, medicine, etc.) or in the field of science and society (history of science, philosophy of science, science and technology studies, bioethics, etc.) at universities, research institutes, private companies, NGOs, and government agencies; science communicators

Two species of corals, from the genus Acropora grown from larvae at SOKENDAI

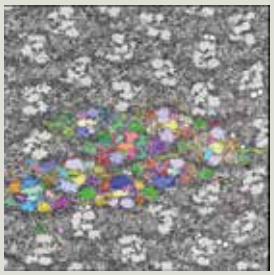
Wild Bornean Orangutans in Danum Valley (Malaysia)



Evolutionary simulations of adaptive radiation and extinction: why are there "living fossils"?



Octopaminergic neurons in the cricket brain



An electron micrograph of the visual center of the swallowtail butterfly

The skull of a Japanese wolf whose genome has been sequenced (photo: courtesy of Dr. Naotaka Ishiguro)

〉〉 Chair

KUTSUKAKE Nobuyuki

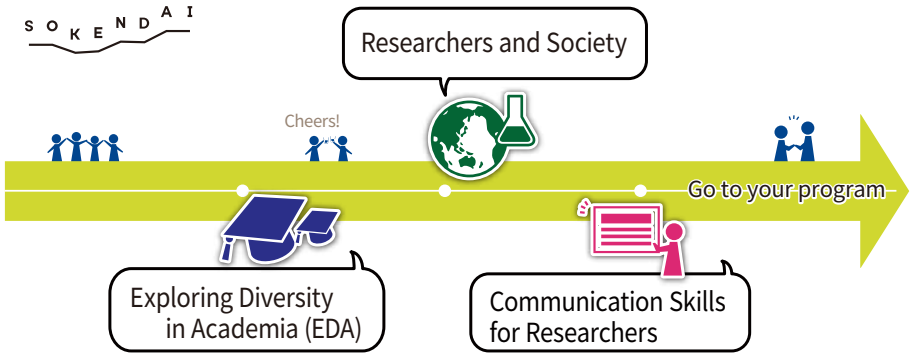
What is the driving force of our research? Because we want to know more. Because we are interested in. Because we have curiosity. Because we want to solve an unsolved problem. Because we want to make a great discovery. The driving force must be different among researchers but we all share the same feeling - we like research. The Integrated Evolutionary Science Program is for students who have such feelings. We look forward to studying with students who like evolution and science & society.

Research Center for Integrative Evolutionary Science
● Shonan Village, Hayama, Kanagawa, 240-0193 Japan
● https://rcies.soken.ac.jp/

Educational Programs

SOKENDAI Freshman Course

The Freshman Course is an intensive course for newly-enrolled students of SOKENDAI. It is a unique program that intends to provide our new students with fundamental knowledge and skills for a researcher; and, is also an opportunity to learn about the breadth of academia through interactions with peer students and researchers coming from different fields. The Freshman Course is partly held for a few days long at our Hayama campus. It consists of three sessions: “Exploring Diversity in Academia(EDA)”, “Researchers and Society” and “Communication Skills for Researchers”.



■ **First Semester 2022 (Japanese Course)**
Date: April 5 – 8, 2022
Number of Participated Student: 68

■ **Second Semester 2022 (English Course)**
Date: October 4 – 7, 2022
Number of Participated Student: 24

■ **First Semester 2023 (Japanese Course)**
Date: April 4 – 7, 2023

■ **Second Semester 2023 (English Course)** (tentative)
Date: October 10 – 13, 2023

SOKENDAI Special Researcher Program

SOKENDAI Cultural Forum / School of Cultural and Social Studies

The SOKENDAI Special Researcher Program is designed to foster future talents in academic research by appointing SOKENDAI students as Special Researchers and providing financial support and support programs for their career paths in the following two categories.

○ Field-Specific Type
To support students conducting research in the field of information / AI and the field of "large-scale advanced science" using cutting-edge research facilities in the inter-university research institutes.

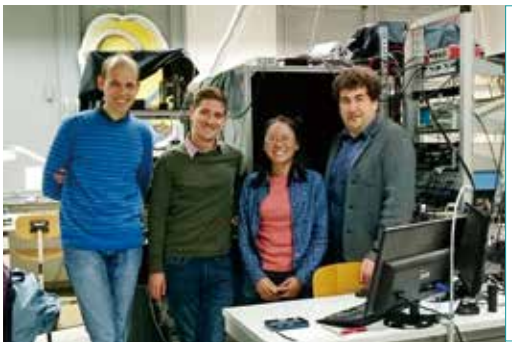
○ Pioneering Research Type
To support students who independently conduct original and challenging research that is not bound by the framework of existing research fields, departments, schools or other organizations.

The number of SOKENDAI Special Researchers (AY2022)

Field-Specific Type	24 (Information and Artificial Intelligence: 12, Large-Scale and Advanced Research: 12)
Pioneering Research Type	15

SOKENDAI Student Dispatch Program

This program encourages SOKENDAI students to seek a short-term research opportunity abroad and/or a long-term collaborative research project in and outside Japan that may lead to their career in the future. The program follows the educational goals of SOKENDAI, “advanced specialties and expertise”, “broad perspective”, and “international competitiveness”, and intends to financially support such research opportunities of SOKENDAI students.



2022

Category 1 (Short-term Abroad Program)

Number of students supported: 11

Category 2 (Long-term Abroad Program)

Number of students supported: 6

Category 3 (Long-term Domestic Program)

Number of students supported: 5

SOKENDAI publication grant for research papers

The publishing cost support of the printing expenses is carried out for the academic paper which was a result of the research activities. This support is applicable only to the students who belong to SOKENDAI. Total 24 publications were supported in 2022.

International collaborative degree program

SOKENDAI is promoting the "International Collaborative Degree Program". This is an agreement with an overseas institution of higher education to provide joint thesis supervision to one student by faculty members from both institutions, thereby broadening the range of thesis and further increasing the international mobility of young human resources.

Overseas higher education institutions that have concluded agreements with SOKENDAI for international collaborative degree programs

Nation	Institution
Thailand	Vidyasirimedhi Institute of Science and Technology
Georgia	Georgian Technical University
France	École Centrale de Nantes
France	Université Paris-Saclay
France	Sorbonne Université
Italy	Università di Bologna
China	Southwest Jiaotong University

Paris student residence

degree examination

research society in France

Joint School Seminars

SOKENDAI Cultural Forum

October 1, 2022　face to face・Online (hybrid)

The forum is an event for academic exchanges organized by SOKENDAI's only liberal arts department, School of Cultural and Social Studies. Centering "culture" as a common focus, it offers a forum for interdisciplinary exchanges among faculties and students of various departments from inside and outside of the university.

As it provides a place to publish their research, the event functions as an educational opportunity for the students to present their research works and achievements and to learn presentation skills at the same time. Through these activities, the project also serves as a gateway for academic interactions between art and science students.

Furthermore, by involving students in the planning and organization of the event, students can exercise their planning skills and receive advice and support from faculties on project management through the collaboration, which in turn would facilitate students' ability as independent researchers.

Life Science Retreat

December 20-21, 2022 Online and Onsite

Life Science Retreat invites biology faculties and students for academic interactions, through which it aims to foster talents with a broader grasp of biological science and the capacity to contribute to the development of the field.

English is used throughout the conference to improve the participants' international caliber. Students plan and coordinate research presentations (oral and poster) and opinion exchanges. In the project, student organizers are expected to polish planning skills through the preparation and exercise presentation skills.

In 2022, it was held over 2 days in a hybrid mode of online and onsite to prevent the spread of covid-19.

A total of 97 (online) and 70 (onisite) students/faculty members participated and discussed their research enthusiastically.

Society and Community Outreach Activities

Community Programs

We communicate the outcomes of the University's educational and research activities and give back to the community, with the aim to promote and spread the arts and sciences, as well as promote excellent research fi ndings.

SOKENDAI Outreach Activities

- **Collaboration with KOSEN via fabrication of compact accelerators**
  OTANI Masashi (Assistant Professor, Accelerator Science)
- **"Tan-Q" Science education and outreach program using compact cosmic-ray detector**
  MIHARA Satoshi (Professor, Accelerator Science)
- **Challenges in the Exploration of the Unknown: Cutting-edge Studies Young Researchers Discuss 2022**
  OISHI Masatoshi (Professor, Astronomical Science)
- **Experiencing the Frontiers of Research: Radio Astronomy Observation Training for High School Students**
  UMEMOTO Tomofumi (Assistant professor, Astronomical Science)
- **Astronomers decoding mysteries of the universe ---from the ground and the space**
  IKUTA,Chisato (Associate professor, Space and Astronautical Science)
- **Training program for next-generation young researchers based on the community at Aomori, Rokkasho area**
  ASHIKAWA Naoko (Associate professor, Fusion Science)

November 27, 2022

Shonan Kokusai-mura Academia Lecture Cafe Integral

Genomic Origins of Diversity in the Two-Horned Wolf and Canis lupus

TERAI Yohey(Assistant professor, Research Center for Integrative Evolutionary Science)

"Yokoko Academia" with Kanagawa Prefectural Yokosuka High School

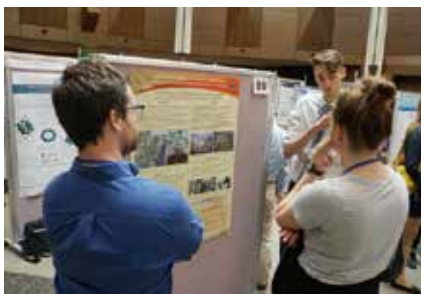
We supported the academic program, "Yokoko Academia" organized by Kanagawa Prefectural Yokosuka High School to contribute to nstitutes and foster future generations.

The program is designated as a Super Science High School by the Ministry of Education, Culture, Sports, Science and Technology.

JSPS Summer Program

This program, which is carried out in partnership with Japan Society for the Promotion of Science (JSPS), offers opportunities to practice research at inter-university research institutes (IURIs) or universities to young researchers who have undertaken or just completed doctoral programs for two months during the summer.

In FY2022, 173 fellows participated in this program.
USA 17, Canada 14, UK 26,
France 39, Germany 51, Sweden 26

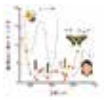
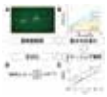
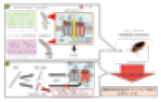
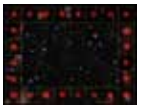
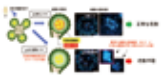
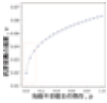
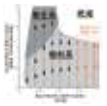


Orientation program in 2019

At the host institute in 2022

Press Release

Research in 2022 published on the following papers are press released and subsequently appeared in newspapers and various media:

- Geography-dependent horizontal gene transfer from vertebrate predators to their prey 
- Connectome of the lamina reveals the circuit for early colour processing in the visual pathway of a butterfly 
- Formulation of chromatin mobility as a function of nuclear size during C. elegans embryogenesis using polymer physics theories. 
- Astronomers reveal first image of the black hole at the heart of our galaxy 
- Silencing the odorant receptor co-receptor impairs olfactory reception in a sensillum-specific manner in the cockroach 
- COSMOS2020: Ubiquitous AGN Activity of Massive Quiescent Galaxies at 0 < z < 5 Revealed by X-Ray and Radio Stacking 
- Single-nucleosome imaging reveals steady-state motion of interphase chromatin in living human cells 
- Mesospheric ionization during substorm growth phase 
- Stable isotopic investigation of the feeding ecology of wild Bornean orangutans 
- Plasticity for the kin and conspecific preferences in the frog tadpoles (Rana ornativentris) 
- Rice GLUCAN SYNTHASE-LIKE5 promotes anther callose deposition to maintain meiosis initiation and progression. 
- Antigenic escape accelerated by the presence of immunocompromised host 
- Evolutionary double suicide in symbiotic systems 
- Evolutionary biological perspectives on current social issues of breastfeeding and weaning 
- A simplified model to estimate nonlinear turbulent transport by linear dynamics in plasma turbulence 

SOKENDAI Fund

SOKENDAI Fund has been established to support SOKENDAI Students. For the details, please visit our website.
https://www.soken.ac.jp/donation/

SOKENDAI Newsletter

SOKENDAI Newsletter covers ongoing activity information at the university such as various events in our campuses, research findings released to media, and awards.
You can find it online on our university website. (Japanese text only)
https://www.soken.ac.jp/outline/pr/publicity/newsletter/

The only research center in Japan with "evolution" at its core

Research Center for Integrative Evolutionary Science

The Research Center for Integrative Evolutionary Science aims to develop a new research field, “integrative evolutionary science,” to investigate both organismal evolution at multiple scales and scientific activities themselves and to apply the interdisciplinary expertise to help find solutions to various challenges in society. The Center fosters highly collaborative research among domestic and international communities.

Research Activities

- Development of the body of knowledge on the basis of organismal evolution
- Application of ideas gained from organismal evolution studies to other research fields
- Development of our understanding of science, including its nature and place in society
- Application of interdisciplinary expertise to seek solutions to various challenges in society

Other Activities

- Graduate education and researcher training
- Domestic and international collaborative research
- Outreach

https://rcies.soken.ac.jp/index.html

Director, Research Center for IntegrativeEvolutionary Science
Innan Hideki

In April 2022, the Research Center for Integrative Evolutionary Science was established on the Hayama Campus. As the only research center in Japan with "evolution" at its core, the center aims to create a new academic field of "Integrated Evolutionary Science" in collaboration with domestic and overseas research institutions.

The word "evolution" evokes the evolution of living organisms, but technology, culture and society also evolve.

We consider evolution in such a broad sense and try to address how the system of organisms was created and changed in the 3.8 billion years-long history of life, how human activities (society, psychology, language, culture, etc.) have changed, how global problems in the Anthropocene progress, and what possible solutions can be comprehensively examined from the perspective of evolution.

The Research Center for Integrative Evolutionary Science thus aims to reconsider the concept of "evolution" and create a new research field"Integrated Evolutionary Science", which not only advances the knowledge system of biology but also incorporates the findings of evolutionary science into human understanding and solutions to social issues.

The Center for Education Planning and Development(CEPD)

“Advanced specialties and expertise,” “Broad perspective,” and “International competitiveness” are the educational goals of SOKENDAI, and they are the essential competencies for excellent researchers. In order to achieve these goals, we believe that the university-wide education that enhances the quality as an excellent researcher is necessary, in addition to specialized education carried out in each department. The missions of the CEPD are: to implement and support the university-wide education programs and projects; and, to assist in evaluation and analysis of the educational activities. We contribute to develop researchers rooted in our philosophy.

Education Development Section

- Promotion of university-wide education
  - Planning and implementation of university-wide educational courses and seminars
    - Implementation of the Freshman Course
    - Planning and implementation of CEPD seminars
  - Support for the implementation of university-wide educational projects
    - Support for the implementation of inter-university education
    - Support for the implementation of international joint/double degree programs
- Improving the quality of education and research guidance
  - Planning and implementation of FD training
  - Counseling from teachers related to education
- Support tailored to student needs
  - Support for student learning, research activities, job hunting, and networking
  - Planning and implementation of CEPD online meetups

Institutional Research and Planning Section

- Analysis of educational effects through the preparation and analysis of educational data and the implementation of studentquestionnaires
- Research performance analysis using literature databases and research ability analysis tools
- Planning and implementation of SD training

Human Resources Development Section

- Cultivate “data scientist-type (DS-type) researcher human resources” who can promote data-driven research

The Center for Academic Information Services

This Center was established to aim at effective management of academic information in SOKENDAI. Based on secure and resilient information infrastructure, it provides various academic information services to researchers and researchers-in-future who are both users and creators of academic information, and supports education, research and administration in SOKENDAI.

Division of Information Services and Technology

Cooperating with the affiliated research institutes and museums, this division manages core information facilities and operates information systems located at the Hayama Campus.

For inquiries or information : Academic Information Service Office
TEL : 81-46-858-1587 FAX : 81-46-858-1633 E-mail : istc.jimu@ml.soken.ac.jp

Hayama Library

Hayama Library gathers, organizes and releases various academic materials to provide high-level research and education and to pioneer advanced academic fields.
Hayama Library is open around-the-clock to the faculty and students at the Hayama Campus for reading and borrowing.
It collects and makes available standard references and books that can be used in all program, as well as specialized books and journals related to studies in cutting-edge and/or interdisciplinary research fields. Image and video documentation materials are available through in-house facilities.
In addition, Hayama Library offers SOKENDAI Institutional Repository, which allows free online access to doctoral dissertations and book/ journal publications at the University, as well as academic papers published by the faculty and students at the Hayama Campus.
The Library also provides database services, including OPAC (Online Public Access Catalog) for books and journals held by the Library.
These books and databases are also available to the general public. The venue effectively functions both as a place to collect research resources and a studying space. SOKENDAI staff and neighborhood residents can borrow books belonging to Kanagawa Prefectural Library (KL-NET Service). Furthermore, since 2015, it has been serving as a service counter of the National Diet Library to enable users to browse digital materials belonging to the National Diet Library.

Number of academic materials available at the Library

Book :	(Japanese)	approx.	22,800 titles
	(Non-Japanese)	approx.	24,600 titles
Journal :	(Japanese)	approx.	140 titles
	(Non-Japanese)	approx.	330 titles
E-book :		approx.	153,900 titles
E-journal :		approx.	5,520 titles
Institutional Repository :		approx.	5,300 titles

As of April 1, 2023

University Library

The University Library consists of the Hayama Library and IURI libraries. The University Library gathers, organizes, and accumulates electronic materials. Under close cooperation with the Hayama Library and IURI libraries, the University Library aims to promote the education / research activities by performing required activities for the fasilitation of the use of academic information. It offers a large number of e-journals and e-books so that faculty and students of IURIs dotted around the country can use these materials in common. In addition, the university introduces and offers the world's largest bibliographic / citation database "Scopus".

For inquiries or information : University Library
TEL : 81-46-858-1528 FAX : 81-46-858-1607 E-mail : lib@ml.soken.ac.jp

Electronic Journals

BioOne / JSTOR / Science Direct / Springer-LINK / Wiley-Blackwell / GeoScienceWorld / Scopus (Document/reference database search service)

※ In addition to the above, electronic journals for internal use at the Hayama Campus are available. http://www.lib.soken.ac.jp

DATA BOOK

Nobel Prize Laureates from SOKENDAI

Professor Emeritus, School of High Energy Accelerator Science

KOBAYASHI Makoto
Professor Emeritus,
SOKENDAI / Honorary Professor Emeritus, High Energy Accelerator Research Organization(KEK)

The 2008

Nobel Prize in Physics

for the discovery of the origin of the broken symmetry which predicts the existence of at least three families of quarks in nature

1999.4-2004.3	Professor, School of Mathematical and Physical Science
2004.4-2006.3	Professor, School of High Energy Accelerator Science
2003.4-2004.4	Chair, Department of Particle and Nuclear Physics
2008	Order of Culture

Professor Emeritus, School of Life Science

OHSUMI Yoshinori
Professor Emeritus,
SOKENDAI /
National Institute for Basic Biology

The 2016

Nobel Prize in Physiology or Medicine

for his discoveries of mechanisms for autophagy

1996.10-2009.3	Professor, School of Life Science
2008.4-2009.3	Dean, School of Life Science
2006	Japan Academy Prize
2016	Order of Culture

Recipients of Award

■ Orders and Medals of Honor (after 2015)

Name	Department	Prize
YAMADA Sakue (Professor Emeritus)	Dept. of Particle and Nuclear Physics	The Order of the Sacred Treasure, Gold Rays with Neck Ribbon (2022)
IYE Masanori (Professor Emeritus)	Dept. of Astronomical Science	The Order of the Sacred Treasure, Gold and Silver Star (2022)
ARIKAWA Kentaro (Professor)	Research Center for Integrative Evolutionary Science	Medal with Purple Ribbon (2022)
HASEBE Mitsuyasu (Professor)	Dept. of Basic Biology	Medal with Purple Ribbon (2022)
OHMORI Kenji (Professor)	Dept. of Functional Molecular Science	Medal with Purple Ribbon (2021)
KOMATSU Kazuhiko (Processors Emeritus)	Dept. of Japanese Studies	The Order of the Sacred Treasure, Gold and Silver Star (2020)
NAGAMINE Kanetada (Processors Emeritus)	Dept. of Particle and Nuclear Physics	The Order of the Sacred Treasure, Gold Rays with Neck Ribbon (2020)
KODAIRA Keiichi (Professor Emeritus, Former President)	Dept. of Astronomical Science	The Order of the Sacred Treasure, Gold and Silver Star (2017)
KAWAI Maki (Professor)	Dept. of Functional Molecular Science	Medal with Purple Ribbon (2017)
OHSUMI Yoshinori (Professor Emeritus)	Dept. of Basic Biology	Order of Culture (2016)
OHTA Tomoko (Professor Emeritus)	Dept. of Genetics	Order of Culture (2016)
SUEMATSU Yasuharu (Professor Emeritus)	Dept. of Informatics	Order of Culture (2015)

■ Person of Cultural Merit (after 2015)

Name	Department	Research Theme
ISHIGE Naomichi (Emeritus Professors)	Dept. of National Museum of Ethnology	Cultural anthropology (2021)
KAWAI Maki (Director General)	Dept. of Institute for Molecular Science	surface science (2021)
SUZUKI Atsuto (Emeritus Professors)	Dept. of Particle and Nuclear Physics	Particle physics (2021)
HOTTA Yoshiki (Emeritus Professors)	Dept. of Genetics	Genetics(2020)
INOKI Takenori (Professor Emeritus)	Dept. of Japanese Studies	Economy (2019)
KOMATSU Kazuhiko (Professor)	Dept. of Japanese Studies	Ethnology (2016)
OHSUMI Yoshinori (Professor Emeritus)	Dept. of Basic Biology	Cell Biology (2015)

■ Japan Academy Prize (after 2015)

Name	Department	Year	Subject
KAWAI Maki (Professor)	Dept. of Functional Molecular Science	2020	Single Molecule Spectroscopy Elucidating Chemical Reactions at Solid Surfaces
KITSUREGAWA Masaru (Professor)	Dept. of Informatics	2020	Pioneering Research in the Theory and Application of Large-Scale High-performance Database Systems
TSUNETA Saku (Professor)	Dept. of Astronomical Science	2019	Studies of Solar Magnetohydrodynamic Phenomena through Satellite Observations
NAGAMINE Kanetada (Professor Emeritus)	Dept. of Materials Structure Science	2019	Exploration of Muon Radiography and its Application to Non-destructive Studies of Large-scale Matters
TAKASAKI Fumihiko (Professor Emeritus)	Dept. of Particle and Nuclear Physics	2017	Studies of CP Violation in the B-Meson System

■ Japan Academy Medal Prize (after 2015)

Name	Department	Year	Subject
KOIBUCHI Michihiro (Associate Professor)	Dept. of Informatics	2020	Pioneering Research on Introducing Randomness for Interconnection Networks on Parallel Computer Systems
ISHIZAKI Akihito (Professor)	Dept. of Structural Molecular Science	2019	Theoretical Development of Quantum Dissipative Dynamics and Its Application to Primary Processes of Photosynthesis

■ JSPS Ikushi Prize (after 2015)

Name	Department	Year	Research Theme
SAKAMOTO Takahiro	Dept. of Evolutionary Studies of Biosystems	2022	Theoretical population genetics of natural selection
KARIYAZONO Shiho	Dept. of Evolutionary Studies of Biosystems	2017	The genetic basis and the biological role of fluorescent proteins in Acropora species
KITAMURA Daichi	Dept. of Informatics	2016	Multichannel blind music source separation based on nonnegative matrix factor source model

SOKENDAI Award

SOKENDAI Award is founded in 2018 to commend the students who have accomplished their outstanding research and have been conferred their degrees with the excellent doctoral thesis.

■ The recipients of the 9th SOKENDAI Award (September 28, 2022)

Name	Department	Doctoral thesis
CHEW(TORII) Yuki	Dept. of Functional Molecular Science	Ultrafast quantum dynamics of ultracold Rydberg atoms in arrays of optical tweezers
ATIS YOSPRAKOB	Dept. of Particle and Nuclear Physics	Complex Langevin, thimbles and tensor networks as solutions to the sign problem
Li Haoyu	Dept. of Informatics	Improving Neural-Network-Based Speech Enhancement for Noise Reduction and Intelligibility Boosting

■ The recipients of the 10th SOKENDAI Award (March 24, 2023)

Name	Department	Doctoral thesis
MORI Takato	Dept. of Particle and Nuclear Physics	Entanglement structure in quantum many-body systems, field theories, and holography
SAKAMOTO Takahiro	Dept. of Evolutionary Studies of Biosystems	Population genetics theory of natural selection

Academic Staff

(As of May 1, 2023)

Category	Member ofthe Board	Professor Associate	Professor	Lecturer	Assistant Professor	Others	Secretaria	Total
President	1							1
Executive Director	2							2
Auditor	2							2
Vice Presiden	(1)							(1)
Graduate Institute for Advanced Studies								
Anthropological Studies		26	21					47
Japanese Studies		18	2					20
Japanese History		19	10					29
Japanese Literature		12	9					21
Japanese Language Sciences		11	7					18
Informatics		31	16		10			57
Statistical Science		21	20		6			47
Particle and Nuclear		31	37	20	15			103
Accelerator Science		49	46	17	55			167
Astronomical Science		30	36	4	45			115
Fusion Science		15	24		23			62
Space and Astronautical Science		22	40		14			76
Molecular Science		15	10		21			46
Materials Structure Science		19	22	6	19			65
Global Environmental Studies		9	7		1			17
Polar Science		12	17		16			45
Basic Biology		16	14		36			66
Physiological Sciences		17	14		21			52
Genetics		20	11		21			52
Integrative Evolutionary Science		(6)	(7)	(3)	(2)			(18)
Research Center for Integrative Evolutionary Science		6 (1)	7	3	2			18 (1)
The Center for Education Planning and Development	(1)		3	1				4 (1)
The Center for Academic Information Services	(1)						(1)	(2)
Secretariat etc.							41	41
Total	5 (3)	399 (7)	373 (7)	51 (3)	305 (2)	0	41 (1)	1174 (23)

※ The number of staff in parentheses indicates those who concurrently work in other section [not included in the total].

Faculty Directory

A faculty directory is available on our website.

Faculty Directory：https://www.soken.ac.jp/en/faculty-directory/index.html

Students

(As of May 1, 2023)

	1st year			2nd Year			3rd Year (1st Year**)			4th Year (2nd Year**)			5th Year (3rd Year**)			Total		
		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students
Graduate Institute for Advanced Studies	45	17	2	0	0	0	34	12	6	0	0	0	0	0	0	79	29	8
Anthropological Studies							4	2								4	2	0
Japanese Studies							3	3	2							3	3	2
Japanese History							1	1								1	1	0
Japanese Literature							2	1								2	1	0
Japanese Language Sciences							4	2	3							4	2	3
Informatics	8						5		1							13	0	1
Statistical Science	1						6	1								7	1	0
Particle and Nuclear Physics	8	4														8	4	0
Accelerator Science	1	1					1									2	1	0
Astronomical Science	4	1					1									5	1	0
Fusion Science	2															2	0	0
Space and Astronautical Science	3	1					1									4	1	0
Molecular Science	3						2	1								5	1	0
Materials Structure Science																0	0	0
Global Environmental Studies																0	0	0
Polar Science	2	2	1				1									3	2	1
Basic Biology	3	1					2	1								5	2	0
Physiological Sciences	2	1														2	1	0
Genetics	4	3	1													4	3	1
Integrative Evolutionary Science	4	3					1									5	3	0
School of Cultural and Social Studies*1							0	0	0	7	5	4	42	21	10	49	26	14
Regional Studies										1	1	1	11	6	4	12	7	5
Comparative Studies										1	1		8	4	2	9	5	2
Japanese Studies										3	2	3	9	4	4	12	6	7
Japanese History										1	1		10	4		11	5	0
Japanese Literature										1			4	3		5	3	0
School of Physical Sciences*1	0	0	0	17	3	1	16	1	5	23	3	5	30	6	8	86	13	19
Structural Molecular Science				2	1		1			5	2	1	3	1	2	11	4	3
Functional Molecular Science				3						2		1	6	1	3	11	1	4
Astronomical Science				5	1		6	1	2	6			9	2	1	26	4	3
Fusion Science				3		1	7		3	6		3	4		2	20	0	9
Space and Astronautical Science				4	1		2			4	1		8	2		18	4	0
School of High Energy Accelerator Science*1	3	0	3	13	3	5	16	2	4	11	3	4	16	2	5	59	10	21
Accelerator Science	1		1	3	2	2	2	1	1	3	1		3		1	12	4	5
Materials Structure Science				3	1	1				2		1	3	1	2	8	2	4
Particle and Nuclear Physics	2		2	7		2	14	1	3	6	2	3	10	1	2	39	4	12
School of Multidisciplinary Sciences*1	6	1	4	15	1	4	25	1	9	24	6	11	51	11	13	121	20	41
Statistical Science				1			8			4			17	3	1	30	3	1
Polar Science				3			1			1			7	2		12	2	0
Informatics	6	1	4	11	1	4	16	1	9	19	6	11	27	6	12	79	15	40
School of Life Science*1	4	3	3	16	6	8	13	6	6	21	6	9	36	13	10	90	34	36
Genetics	2	1	2	10	4	6	9	5	6	9	2	5	10	3	5	40	15	24
Basic Biology	1	1		1			1			10	3	3	13	6	2	26	10	5
Physiological Sciences	1	1	1	5	2	2	3	1		2	1	1	13	4	3	24	9	7
School of Advanced Sciences*1	0	0	0	4	2	0	3	2	0	3	1	0	9	6	1	19	11	1
Evolutionary Studies of Biosystems				4	2		3	2		3	1		9	6	1	19	11	1
Total	58	21	12	65	15	18	107	24	30	89	24	33	184	59	47	503	143	140

*1 These schools stopped accepting applications on March 31, 2023.
*2 The number of female students and international students is included in the total.
** The year of a 3-year doctoral program

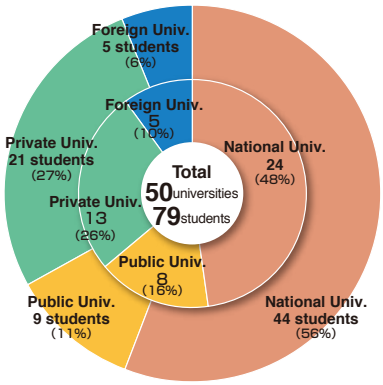
Applicants and Enrollments

(As of April 1, 2023)

Department	Quota (Number of Students to be accepted)		Applicant		Passer		Admitted Students		Background							
									Gender				International Students		Jobholder	
									Male		Female					
	5-year	3-year	5-year	3-year	5-year	3-year	5-year	3-year	5-year	3-year	5-year	3-year	5-year	3-year	5-year	3-year
Graduate Institute for Advanced Studies	58	62	90	69	52	35	45	34	28	22	17	12	2	6	3	15
Anthropological Studies	(–)	(4)		6		4		4		2		2				2
Japanese Studies	(–)	(3)		9		3		3				3		2		3
Japanese History	(–)	(3)		4		1		1				1				1
Japanese Literature	(–)	(2)		4		2		2		1		1				1
Japanese Language Sciences	(–)	(3)		10		4		4		2		2		3		
Informatics	(8)	(12)	14	5	9	5	8	5	8	5				1	3	2
Statistical Science	(2)	(6)	2	12	1	6	1	6	1	5		1				4
Particle and Nuclear Physics	(6)	(1)	19	3	9		8		4		4					
Accelerator Science	(2)	(1)	2	1	2	1	1	1		1	1					
Astronomical Science	(5)	(1)	16	3	5	1	4	1	3	1	1					
Fusion Science	(3)	(2)	3		2		2		2							
Space and Astronautical Science	(4)	(3)	3	1	3	1	3	1	2	1	1					1
Molecular Science	(7)	(5)	4	2	4	2	3	2	3	1		1				1
Materials Structure Science	(2)	(1)														
Global Environmental Studies	(–)	(2)		2												
Polar Science	(2)	(1)	5	1	3	1	3	1		1	3		1			
Basic Biology	(5)	(3)	7	2	5	2	3	2	2	1	1	1				
Physiological Sciences	(3)	(6)	2	1	2		2		1		1					
Genetics	(6)	(2)	5	1	4	1	4		1		3		1			
Integrative Evolutionary Science	(3)	(1)	8	2	3	1	3	1	1	1	2					

( ): Number of Students to be accepted

Admission of the 2023



Japanese National Universities

Hokkaido University	2
Hirosaki University	1
Tohoku University	4
Yamagata University	1
University of Tsukuba	3
Tsukuba University of Technology	1
Chiba University	1
The University of Tokyo	4
Tokyo Institute of Technology	1
Ochanomizu University	2
The University of Electro-Communications	1
Niigata University	1
Nagaoka University of Technology	1
University of Fukui	1
Toyohashi University of Technology	2
Kyoto University	8
Osaka University	1
Kobe University	1
Nara Institute of Science and Technology	1
Okayama University	1
Hiroshima University	2
Yamaguchi University	1
Ehime University	2
Kyushu University	1

Japanese Public Universities

Yokohama City University	1
Ishikawa Prefectural University	1
Fukui Prefectural University	1
Kyoto Prefectural University	1
Osaka Prefecture University	2
University of Hyogo	1
Hiroshima City University	1
Okinawa Prefectural University of Arts	1

Japanese Private Universities

Aoyama Gakuin University	1
J. F. Oberlin University	1
Gakushuin University	1
Kogakuin University	1
Chuo University	1
Tokyo Denki University	1
Tokyo University of Science	5
Toho University	1
Nanzan University	1
Nihon University	3
The Open University of Japan	1
Ritsumeikan University	2
Waseda University	2

Foreign Universities

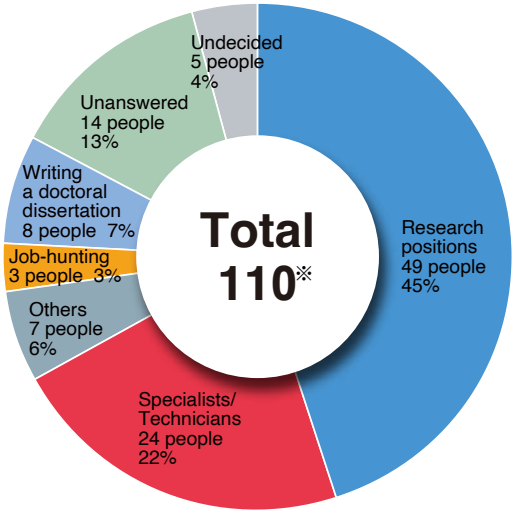
Donghua University	1
Korea Advanced Institute of Science and Technology	1
University of London	1
King's College London	1
Arizona State University	1

Degrees Awarded

	For the period of 1991～2017	2018	2019	2020	2021	2022	Total
Doctor of Philosophy	2022 [143] (254)	75 [8] (5)	72 [8] (3)	87 [9] (7)	82 [4] (3)	97 [12] (5)	2435 [184] (277)

※1 ( ) : The number of those who were granted the Ph.D. by way of Dissertation (not included in the total).
※2 [ ] : The number of those who were granted the Ph.D. within a specified time after leaving the university.

Career Tracking / Data of the 2022



※ Breakdown of the total
The number of those who completed a course and obtained a degree: 85
The number of those who left the university after obtaining the credits required for completion of a course in the relevant academic year: 25

Universities/Research institutes,etc

The University of Tokyo
Kyoto University
Tohoku University
Nigata University
Hiroshima University
Japan Women's University
North Carolina State University
Université Angers
Duy Tan University
Hanoi University
Dartmouth College
The Scripps Research Institute
Geospatial Information Authority of Japan
Exploratory Research Center on Life and Living Systems
Institute for Molecular Science
National Astronomical Observatory of Japan
High Energy Accelerator Research Organization (KEK)
Institute of Materials Structure Science
Institute of Statistical Mathematics
National Institute of Informatics
National Institute of Genetics
National Institute for Basic Biology
National Institute for Physiological Sciences
National Institute of Information and Communications Technology
RIKEN
National Institute of Technology, Oita College
Samejima Hospital
Saga Prefecture
Nagasaki Prefecture

Private companies/Public service corporation

Ushio Inc.
Nikkei Inc.
Resonac Holdings Corporation
BrainPad Inc.
Altech Corporation
Hitachi, Ltd.
TOYOTA MOTOR CORPORATION
Mizuho–DL Financial Technology Co., Ltd.
Asahi Kasei Corporation
SMBC Nikko Securities Inc.
Yamamoto Chemicals,Inc.
Mitsubishi Electric Corporation
Aichi Steel Corporation
Fujitsu Ltd.
NIPPON TELEGRAPH AND TELEPHONE CORPORATION
INTAGE Inc.
Nikkei Business Publications, Inc.
Gigaphoton Inc
Rakuten Group, Inc.
Google Japan G.K.
BENYI
Cornea Technologies Ltd.
Tokai Technology Center
YAZAKI Corporation
Astroscale Japan
Woven Planet Holdings, Inc
Indeed, Inc.
Institute for Creative Integration

International Exchange

Number of International Students

(As of May 1, 2023)

	1st Year			2nd Year			3rd Year (1st Year**)			4th Year (2nd Year**)			5th Year (3rd Year**)			Total			Research Student		
		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students
Graduate Institute for Advanced Studies	2	1	1	0	0	0	6	3	0	0	0	0	0	0	0	8	4	1	4	3	2
Advanced Studies																0	0	0	1	1	
SOKENDAI							2	2								2	2	0			
Japanese History																0	0	0			
Japanese Literature																0	0	0			
Japanese Language Sciences							3	1								3	1	0			
Informatics							1									1	0	0	1	1	1
Statistical Science																0	0	0			
Particle and Nuclear Physics																0	0	0	1		1
Accelerator Science																0	0	0			
Astronomical Science																0	0	0	1	1	
Fusion Science																0	0	0			
Space and Astronautical Science																0	0	0			
Molecular Science																0	0	0			
Materials Structure Science																0	0	0			
Global Environmental Studies																0	0	0			
Polar Science	1	1														1	1	0			
Basic Biology																0	0	0			
Physiological Sciences																0	0	0			
Genetics	1		1													1	0	1			
Integrative Evolutionary Science																0	0	0			
School of Cultural and Social Studies ※	0	0	0	0	0	0	0	0	0	4	3	0	10	6	0	14	9	0	4	2	1
Regional Studies										1	1		4	2		5	3	0			
Comparative Studies													2	1		2	1	0			
Japanese Studies										3	2		4	3		7	5	0	3	2	
Japanese History																0	0	0			
Japanese Literature																0	0	0	1		1
School of Physical Sciences ※	0	0	0	1	0	0	5	0	3	5	1	1	8	1	1	19	2	5	1	1	1
Structural Molecular Science										1	1		2		1	3	1	1			
Functional Molecular Science										1			3	1		4	1	0			
Astronomical Science							2		2				1			3	0	2	1	1	1
Fusion Science				1			3		1	3		1	2			9	0	2			
Space and Astronautical Science																0	0	0			
School of High Energy Accelerator Science ※	3	0	2	5	2	4	4	1	1	4	1	3	5	1	3	21	5	13	0	0	0
Accelerator Science	1		1	2	1	2	1	1					1		1	5	2	4			
Materials Structure Science				1	1	1				1		1	2	1	2	4	2	4			
Particle and Nuclear Physics	2		1	2		1	3		1	3	1	2	2			12	1	5			
School of Multidisciplinary Sciences ※	4	1	3	4	1	2	9	1	2	11	4	5	13	5	4	41	12	16	0	0	0
Statistical Science													1	1	1	1	1	1			
Polar Science																0	0	0			
Informatics	4	1	3	4	1	2	9	1	2	11	4	5	12	4	3	40	11	15			
School of Life Science ※	3	2	1	8	3	6	6	4	4	9	3	5	10	5	5	36	17	21	0	0	0
Genetics	2	1	1	6	3	5	6	4	4	5	1	2	5	1	2	24	10	14			
Basic Biology										3	1	2	2	1	1	5	2	3			
Physiological Sciences	1	1		2		1				1	1	1	3	3	2	7	5	4			
School of Advanced Sciences ※	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
Evolutionary Studies of Biosystems													1	1	1	1	1	1			
Total	12	4	7	18	6	12	30	9	10	33	12	14	47	19	14	140	50	57	9	6	4

* The number of female students and international students is included in the total.

** The year of a 3-year doctoral program

Number of International Students

(As of May 1, 2023)

Country or Region	1st Year			2nd Year			3rd Year (1st Year**)			4th Year (2nd Year**)			5th Year (3rd Year**)			Total			Research Student		
		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students		Females	Int'l Students
Asia	8	3	4	11	4	7	25	7	6	29	11	12	39	19	12	112	44	41	5	5	1
India				2	2	2	3	1	2	3	2	1	3		1	11	5	6	1	1	1
Indonesia				1		1	1		1				1	1	1	3	1	3			
Sri Lanka	1		1				1									2	0	1			
Thailand	1		1	1		1	1		1	1		1	1			5	0	4			
Nepal				1		1										1	0	1			
Bangladesh							1	1	1				2	1	2	3	2	3			
philippines										1		1	2	2	2	3	2	3			
Viet Nam	1		1	2	2	2	1		1	5	3	4	3	1	2	12	6	10			
Malaysia										2	2	2				2	2	2			
Mongolia													1			1	0	0			
Korea				2			1			1			2			6	0	0			
China	3	2	1	2			14	5		15	4	3	23	14	4	57	25	8	4	4	
Taiwan	2	1					2			1			1			6	1	0			
Africa	1	0	1	2	1	1	0	0	0	0	0	0	2	0	0	5	1	2	0	0	0
Algeria	1		1													1	0	1			
Egypt				1	1											1	1	0			
Ghana													1			1	0	0			
Nigeria				1		1										1	0	1			
South Africa													1			1	0	0			
Europe	2	1	1	3	1	3	3	1	2	2	1	1	4	0	2	14	4	9	3	1	3
Ireland				1		1										1	0	1			
Kazakhstan	1		1	2	1	2	2	1	2	2	1	1	1		1	8	3	7			
Spain																0	0	0	1		1
Germany	1	1											2		1	3	1	1	1		1
France							1									1	0	0	1	1	1
Belarus													1			1	0	0			
Near and Middle East	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0		0
Syrian							1	1	1							1	1	1			
North America / Central America	1	0	1	1	0	0	1	0	1	1	0	0	2	0	0	6	0	2	1	0	0
USA	1		1				1		1							2	0	2			
Canada				1												1	0	0	1		
Mexico										1			2			3	0	0			
South America	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	2	0	2	0	0	0
Brazil				1		1										1	0	1			
Peru										1		1				1	0	1			
Total	12	4	7	18	6	12	30	9	10	33	12	14	47	19	14	140	50	57	9	6	4

* The number of female students and international students is included in the total.
** The year of a 3-year doctoral program

Academic Exchange and Collaboration Agreements

SOKENDAI is promoting academic exchange and collaboration with other domestic and foreign universities through mutual agreements.

Academic Agreement with Foreign Univeristies

Country of Region	University/Institute	Date of Agreement
China	Lanzhou University	November 12, 2019
Republic of Korea	The University of Science and Technology	May 25, 2005
France	École Centrale de Nantes	November 8, 2019
France	Université Paris-Saclay	February 8, 2020
Russia	Novosibirsk State University	March 12, 2020
Norway	UiT The Arctic University of Norway	November 07, 2019
Italy	Università di Bologna	July 20, 2020
Indonesia	Universitas Gadjah Mada Fakulta Ilmu Budaya	December 27, 2019
USA	University of Hawaii at Manoa	February 28, 2018
China	Southwest Jiaotong University School of Physical Science and Technology	May 20, 2020
Thailand	Chulalongkorn University Faculty of Science	April 1, 2010
Thailand	Kasetsart University Faculty of Science	March 29, 2011
Thailand	Vidyasirimedhi Institute of Science and Technology	September 5, 2018
Malaysia	University of Malaya Faculty of Science	March 24, 2014
Germany	Friedrich Schiller University Jena Institute for Solid State Physics	July 17, 2020
Russia	Peter the Great St. Petersburg Polytechnic University	January 23, 2019
Georgia	Georgian Technical University	February 13, 2019
Republic of Korea	Korea University College of Medicine	November 18, 2019
Republic of Korea	Pusan National University	November 10, 2022
Taiwan	National Taiwan University College	December 28, 2017
Taiwan	National Yang Ming Chiao Tung University	March 7, 2023
Vietnam	Vietnam National University of Science Faculty of Biology	February 8, 2017
Vietnam	Vietnam National University of Agriculture Faculty of Animal Science	February 15, 2017
Vietnam	Vietnam Academy of Social Sciences Institute of Archaeology	February 20, 2017
Bangladesh	Jahangirnagar University Faculty of Biological Sciences	October 9, 2018
India	Indian Institute of Science Education and Research Thiruvananthapuram	March 27, 2020
Slovenia	University of Ljubljana Biotechnical Faculty	August 28, 2018

Academic Agreement with Domestic Universities

University / Institute	Date of Agreement
Tokyo Institute of Technology	April 1, 1995
Ochanomizu University	April 1, 1995
Nagoya University, Graduate School of Medicine	April 1, 1995
The University of Tokyo, Graduate School of Science	April 1, 1998
The University of Tokyo, Graduate School of Information Science and Technology	April 1, 1998
International Christian University, Graduate School of Arts and Sciences	April 1, 2000
Kyoto University, Graduate School of Asian and African Area Studies	April 1, 2005
Osaka University, Graduate School of Human Sciences	April 1, 2005
Kobe University, Graduate School of Intercultural Studies / Human Development and Environment	April 1, 2005
Chiba University, Graduate School of Humanities and Studies on Public Affairs	April 1, 2005
Japan Advanced Institute of Science and Technology, Graduate School of Advanced Science and Technology	April 1, 2009
Nagoya University, Graduate School of Engineering	April 1, 2010
Chiba University, Graduate School of Science and Engineering	April 1, 2010
Tsuda University, Graduate Program in Mathematics and Computer Science	April 1, 2015
Kyushu University, Graduate School of Pharmaceutical Sciences	April 1, 2017
Hosei University, Graduate School of Science and Engineering	April 1, 2018
Osaka University, Graduate School of Engineering	June 1, 2019
Nagoya University, Graduate School of Science/ Engineering/ Bioagiricultural Sciences/ Parmaceutical Sciences	October 1, 2019
Kumamoto University, Graduate School of Medical Sciences	November 29, 2019
The University of Shiga Prefecture, Graduate School of Human Cultures	April 1, 2020
Okinawa Institute of Science and Technology	October 1, 2021
Kwansei Gakuin University, Graduate School of Science and Technology	April 1, 2022

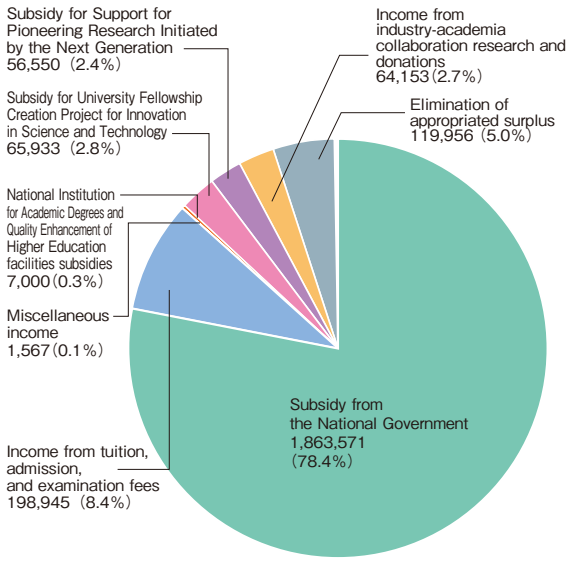
Academic Agreement with Universities in Kanagawa

Universities/Institutes		Date of Agreement
Azabu University	Graduate School of Veterinary Science	January 10, 2001
	Graduate School of Environmental Health	
Kanagawa University	Gradate School of Law	
	Gradate School of Economics	
	Gradate School of Business Administration	
	Gradate School of Foreign Languages	
	Gradate School of Science	
	Gradate School of Engineering	
	Gradate School of History and Folklore Studies	
	Gradate School of Human Science	
Kanagawa Institute of Technology	Graduate School of Engineering	
Kanto Gakuin University	Graduate School of Humanities	
	Graduate School of Economics	
	Graduate School of Law	
	Graduate School of Engineering	
	Graduate School of Nursing	
Kitasato University	Graduate School of Science	
	Graduate School of Medical Sciences	
	Graduate School of Nursing	
	Graduate School of Pharmacy	
	Graduate School of Veterinary Medicine	
	Graduate School of Marine Biosciences	
	Graduate School of Infection Control Sciences	
Shonan Institute of Technology	Graduate School of Engineering	
Senshu University	Graduate School of Economics	
	Graduate School of Law	
	Graduate School of Humanities	
	Graduate School of Business Administration	
	Graduate School of Commerce	
Tsurumi University	Graduate School of Leterature	
Toin University of Yokohama	Graduate School of Law	
	Graduate School of Engineering	
	Graduate School of Sport Sciences	
Tokai University	Graduate School of Letters	
	Graduate School of Political Science	
	Graduate School of Economics	
	Graduate School of Law	
	Graduate School of Arts	
	Graduate School of Physical Education	
	Graduate School of Science	
	Graduate School of Engineering	
	Graduate School of Marine Science and Technology	
	Graduate School of Health Science	
	Graduate School of Human Environmental Studies	
Tokyo Polytechnic University	Graduate School of Engineering	
Nihon University	Graduate School of Bioresource Sciences	
	Graduate School of Veterinary Medicine	
Yokohama City University	Graduate School of Medicine	
	Graduate School of Urban Social and Cultural Studies	
	Graduate School of Nanobioscience	
	Graduate School of Medical Life Science	
Yokohama National University	Graduate School of Engineering	March 20, 2002
	Graduate School of Environment and Information Sciences	
	Graduate School of Education	
	Graduate School of International Social Sciences	
	Graduate School of Urban Innovation	
Tokyo Institute of Technology	Graduate School of Life Science and Technology	April 1, 2002
Meiji University	Graduate School of Agriculture	April 1, 2004
Ferris University	Devision of Humanities	
	Devision of Global and Inter-cultural Studies	
	Devision of Music	
INSTITUTE of INFORMATION SECURITY	Graduate School of Information Security	April 1, 2005
Tokyo City University	Graduate School of Environmental and Information Studies	April 1, 2007
Sagami Women's University	Graduate School of Nutritional Sciences	April 1, 2009
	Graduate School of Social Entrepreneurship	April 1, 2021
Shoin University	Graduate School of Business Administration	April 1, 2009
Aoyama Gakuin University	Graduate School of Science and Engineering	April 1, 2010
Bunkyo University	Graduate School of Information and Communications	April 1, 2013
Kanagawa Dental University	Graduate School of Dental Sociology	April 1, 2014
Kamakura Women'S University	Graduate School of Child Studies	April 1, 2015
St. Marianna University School Of Medicine	Graduate School of Medichine	
Showa University	Graduate School of Health Sciences	April 1, 2016
Joshibi University Of Art And Design	Graduate School of Art and Design	
Den-En Chofu University	Graduate School of Human Science	April 1, 2018
Yokohama Soei University	Graduate School of Nursing	April 1, 2019

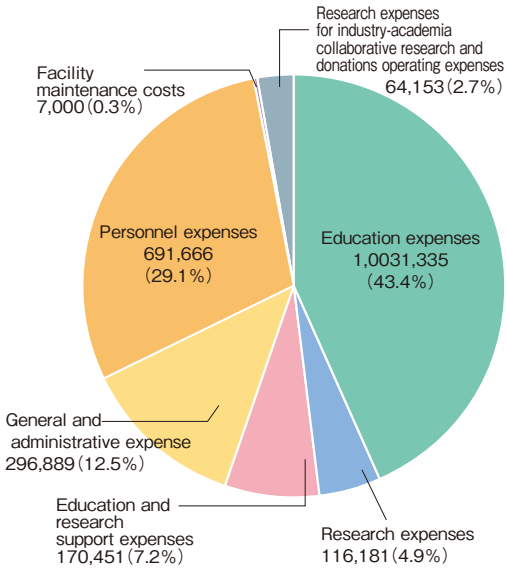
FY2023 Income and Expenditures Budget

(Yen, Thousand)

■Total Budget Income 2,377,675



■Total Expenditures Budget 2,377,675



ACCESS

[Hayama campus] Shonan Village, Hayama, Kanagawa, 240-0193 Japan
TEL: 81-46-858-1500

DATA

SOKENDAI renewed our logo as we celebrate the 30th anniversary of the university's foundation in 2018. SOKENDAI represents a unique educational structure that provides intellectual knowledge at the highest standards. The ethos of the brand is mirrored through the visualization of a line 'Intelligence Connector' which symbolizes a platform for the multiple numbers of research centers across the world that form the diverse educational platform of SOKENDAI.

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Shonan Village, Hayama,
Kanagawa 240-0193 Japan
www.soken.ac.jp/en

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