



Niigata University of Pharmacy and Applied Life Sciences



Faculty of Pharmacy
Department of Pharmacy



Faculty of Applied Life Sciences
Department of Applied Life Sciences
Faculty of Applied Life Sciences
Department of Life Sciences Business

Guidebook for International Students

Message from the President



Nurturing dreams through enterprise and a positive attitude

Hiroshi Terada

President of Niigata University of Pharmacy and Applied Life Sciences

We believe the university is a place that nurtures students' dreams and hopes. Niigata University of Pharmacy and Applied Life Sciences is a life sciences university comprising the Faculty of Pharmacy (which primarily trains pharmacists), and the Faculty of Applied Life Sciences (which trains specialists in bioscience, environmental science, food science and science education). The university cultivates an environment in which students can easily set goals, deciding their future path and the ways they intend to contribute to society. It is vital to actively engage in trying to make intangible dreams and hopes into something concrete.

It is important not only to understand the individual subjects that one studies in lectures, but it is also important to understand how each of those subjects relate to one another. Take for instance a jigsaw puzzle. One can see how each piece connects to another from the characteristics of the individual pieces. One can complete the puzzle by judging where the connected part is supposed to be placed within the overall image. In this way, it is crucial to grasp the big picture by integrating individualized knowledge for future growth.

At the Niigata University of Pharmacy and Applied Life Sciences, we have many brilliant professors who are active in their fields, and fellow students who are studying with the same goals. We hope you will lead a meaningful student life with a positive attitude by actively utilizing our privileged environment.



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Principle of Niigata University of Pharmacy and Applied Life Sciences

Through education and research in pharmaceutical and life sciences, the university develops talented specialists with a high degree of professionalism and humanism. Our graduates contribute to the advancement of medicine, environmental conversation efforts, and are active in the international community. Their work benefits society and enhances culture.

Faculty of Pharmacy

We aim to develop pharmacists who will play a crucial role in their community's health. Students will gain the knowledge and temperament suitable for healthcare professionals, learning the ethics and problem-solving skills required to practice medicine. Students will also take advanced courses covering the properties of chemical substances, and their therapeutic applications in treating illness.

Faculty of Applied Life Sciences

Providing a rigorous education in the life sciences, we aim to develop specialists that will work to protect the environment. Students will play active roles in fields such as environmental science and food science, utilizing their knowledge of new breakthroughs and technologies in bioscience. The department also offers a science education program, which trains science teachers to work in junior and senior high schools.

NUPALS History

1967	March	The Niigata Institute of Science and Technology obtained approval for initiation from Niigata prefecture.
1977	April	The Niigata University of Pharmacy established the Faculty of Pharmacy. (Schools of Pharmacy and Pharmaceutical Health Chemistry).
1991	April	Opened the master's course of pharmaceutical sciences.
1995	April	Opened the doctoral course of pharmaceutical sciences.
1999	September	Agreement for collaboration signed with the Capital Medical University in China.
2002	April	Established Niitsu campus. Established the Faculty of Applied Life Sciences.
	August	A sister-school partnership signed with the Massachusetts College of Pharmacy and Health Sciences, USA.
2006	April	Opened the master's course of applied life sciences. Changed the system of the Faculty of Pharmacy to 6-year course. Completely relocated the Faculty of Pharmacy to Niitsu campus.
2009	April	Opened the graduate school of NUPALS (late Doctoral course of applied life sciences).
2010	April	Opened the graduate school of the NUPALS. (Master's course of applied life sciences, pharmaceutical course)
2011	May	A sister-school partnership signed with the Changchun University of Chinese Medicine, China.
2012	April	Graduate school establishment (Department doctoral course of pharmaceutical research).
2013	October	Agreement for collaboration signed with the State University of New York, Fredonia (US).
2015	April	Opened the graduate school of the NUPALS. (Master's course of applied life sciences, pharmaceutical course) Established Faculty of Applied Life Sciences Department of Life Sciences Business.
	September	Agreement for collaboration signed with University of California (US).
	April	Opened a new campus Niitsu Station Campus East.
2016	April	Agreement for collaboration signed with the University of Nantes (France).
2017	September	Agreement for collaboration signed with Western Sydney University (Australia).
2018	January	Agreement for collaboration signed with Chungnam National University (Korea).
2018	February	Agreement for collaboration signed with Rangsit University (Thailand).



With a population of over 800,000 the city of Niigata city is the largest port on the coast of the Japan Sea, and the capital of Niigata prefecture, a region famous for rice, sake, seafood, and flowers. NUPALS has established laboratories to study these industries and collaborate with local companies. We are helping develop the community by contributing to a thriving local food culture.



Airport

Niigata Airport is located about six kilometers north of central Niigata. The airport serves both international and domestic destinations. As of October 2018, domestic destinations available comprise Osaka(Itami), Kansai, Sapporo, Fukuoka, Okinawa, Nagoya and Narita. Niigata Airport's international destinations are Harbin (China), Seoul (South Korea), Shanghai (China).

Train

From Tokyo, take the Japan Railways (JR) Joetsu Shinkansen super-express to Niigata Station (two hours). Change trains at Takasaki Station for the Hokuriku Shinkansen line.

Bus

Long-distance buses service Niigata from Tokyo. Niigata also has bus service to Sendai, Kyoto, Nagoya and Osaka.



Historical Monuments

Since the 17th century, the city of Niigata developed into one of the biggest port towns along the Japan Sea. Many merchants travelled to and from the town, resulting in wealth and a unique culture. Historical monuments maintaining this Edo-period atmosphere still remain.

Rich Food Culture

With fertile soil, Niigata boasts the largest area of rice paddies in Japan, producing the koshihikari variety, a premium rice known throughout the world. Sake (rice wine), rice confectionery, health food are produced using Niigata's agricultural products. Niigata practices sustainable farming in order to conserve the natural environment.



Place of Interest



Niitsu Hodojima Shopping Center [Town 403]

Niitsu Hodojima Shopping Center is located within walking distance of NUPALS. The shopping center carries food, medicine, books, rental DVDs, and other daily necessities.



Hana To Iseki No Furusato Koen (Flower and Monument Park)

This park boasts a botanical garden, an art museum, and a monument. Experience Niigata's local culture through plants, history, and art, surrounded by an expansive natural environment.



Niitsu Station

This JR station links three separate train lines. The surrounding area is home to many shops and restaurants.



Como Town Niitsu

Como Town Niitsu is accessible by bicycle from NUPALS. This shopping center includes the fast fashion store UNIQLO, a shoe shop, an electronics retail store, a grocery store, a soba (buck wheat noodles) shop, an udon shop (wheat noodles), and more.

Welcome to NUPALS!

Our Philosophy

At NUPALS, we conduct research and education in pharmaceutical sciences and life sciences in order to advance society and enhance culture. We have developed a program to cultivate expertly skilled professionals who can contribute to society both on a local and international scale.

Our Admission Policy

We seek students with the following abilities and talents:

1. Our students should be inquisitive about the science and basic academic subjects studied in the program.
2. Our students should place a high value on communication with others and be motivated to contribute to society.

Academic Calendar

First Semester: April to August

April	Entrance Ceremony
	Annual Medical Examination
June	Sports Festival
	Foundation Day
July	First semester final exam
Aug. – Sep.	Summer Holidays/Summer Break



Second Semester: September to February

October	Campus Festival (Shinyaku-sai)
Dec. – Jan.	Winter Holidays/Winter Break
February	Second semester final exam
March	Graduation Ceremony
Feb. – Mar.	Spring Break



Degree

Bachelor of Pharmacy	6 years
Bachelor of Applied Life Sciences	4 years
Bachelor of Applied Life Sciences	4 years
Ph.D in Pharmacy	4 years
Master of Applied Life Sciences	2 years
Ph.D in Applied Life Sciences	3 years



Eligibility Requirements for Examination

Applicants must meet all of the following requirements.

1. Must be at least 18 years of age before NUPALS enrollment date.
2. Must be non-Japanese.
3. Must have completed or be expected to complete 12 years of regular studies outside of Japan and possess university entrance qualifications in their country of nationality or be certified as having equivalent qualifications by the Ministry of Education, Culture, Sports, Science and Technology. Alternatively, they must be recognized as possessing academic ability that is equivalent or superior to that of high school graduate based on a separate entrance eligibility screening by NUPALS.

Applicants should possess Japanese language proficiency JLPT N1 or N2 at the time of application.



Contact us

URL : <http://www.nupals.ac.jp/english/>
email : intl@nupals.ac.jp



Applicant

<http://www.nupals.ac.jp/admission/>



Application

<http://www.nupals.ac.jp/admission/schedule/>



Internet application available

<http://www.nupals.ac.jp>



Paying your application fee

By bank transfer/credit card/debit card.



Examination for admission

<http://www.nupals.ac.jp>



Courses

<Language> Japanese
<Level of JLPT> Preferable N2



Entrance Exams (2019)

Faculty of Pharmacy

Subjects

Mathematics

Science (Chemistry and Basic Chemistry)

English

Faculty of Applied Life Sciences

Department of Applied Life Sciences

Subjects

Mathematics

Science
(Select one of Subject)
•Chemistry
•Biology
•Physics

English

Department of Life Sciences Business

Subjects

Japanese Language

Basic Biology

English

Niigata University of Pharmacy and Applied Life Sciences (NUPALS) has two faculties.

The Faculty of Pharmacy has trained specialists in medicine and health for over 40 years.

The Faculty of Applied Life Sciences conducts research and education in the fields of food science, biotechnology, environmental science, and science education.

We work towards the scientific pursuit of life and health using a multidisciplinary approach.



[Faculty of Applied Life Sciences – Department of Applied Life Sciences]

**Supporting public health through
a life science education.**



[Faculty of Applied Life Sciences – Department of Life Sciences Business]

**Spearheading creative new enterprises in food science
and environmental science.**



[Faculty of Pharmacy – Department of Pharmacy]

**Providing the knowledge and temperament required
to become a skilled pharmacist.**

Faculty of Applied Life Sciences

Educational Objectives

The Faculty of Applied Life Sciences conducts life science-based education and research activities in the field of food science, environment, and health.



Faculty of Applied Life Sciences Department of Applied Life Sciences

The Department of Applied Life Sciences develops students for technical professions in research, engineering, and education, teaching them the essentials of biological phenomena on a molecular level across the fields of biotechnology, environmental science and food science.



Faculty of Applied Life Sciences Department of Life Sciences Business

The Department of Life Sciences Business develops students for technical professions that require expert planning, development, and business skills. Students are taught the fundamentals of technology and materials in food science, agricultural science, and other life sciences. They are also taught to apply economic and business theories to agricultural practices.



Faculty of Applied Life Sciences Department of Applied Life Sciences

Curriculum Policy

The Department of Applied Life Sciences develops technical professionals who will master essentials in biotechnology, environmental science, food science and science education. Students will use their knowledge to help solve societal problems.

2

A foundation in information literacy provide students skills to use information and comprehend ideas scientifically by using mathematical properties.

4

Students study proactively through flipped classrooms, small group discussions, and debates using IoT and traditional methods.

6

Volunteer work, fieldwork, and practical studies gives students social skills, communication skills, and problem-solving skills.

1

Students will receive a liberal arts education comprising languages, sciences, and the humanities. Students will also be instructed on topics to provide local and global perspectives, developing humanism, ethics, and other basic skills necessary to thrive in society.

3

Subjects within each major (biotechnology, environmental science, food science, and science education) allow students to comprehend a broad range of topics through applied techniques, from basic theories in life science, technical skills and other fields.

5

Practical work enables students to grasp the essentials, think logically and express their thoughts.

7

Students are assigned graduation work to gain problem solving skills, using their accumulated knowledge and pursuing tasks on their own.

Curriculum

Analytical Food Science

Experiment in Food Analysis

Fermentation and Brewing

Functional Food Study

Structural Biology and Protein Engineering

Admission policy

Desired Students

The Department of Applied Life Sciences welcomes students who wish to contribute to society by using their skills and knowledge in the life sciences, biotechnology, environmental science, and food science. We also welcome students aiming to teach at educational institutions, including high school and junior high school.

Faculty of Applied Life Sciences

Department of Life Sciences Business

Curriculum

The Department of Life Sciences Business cultivates technical professionals who excel in planning, development, and business. Students will attain a basic knowledge of technology and life sciences, including food science and agricultural science. Students will also use economics and business theories, applying them to agricultural approaches.

- 1** A multidisciplinary approach integrating science and the humanities develops humanism, ethics, and other basic skills useful in society.
- 2** Students study liberal arts and languages in their freshman year, continuing on with basic subjects in their second year. In their third year, students begin studying technical subjects. They will conduct research in the laboratory, where they will gain independent problem-solving skills utilizing their accumulated knowledge. This graduate-level research is conducted in close communication with staff.
- 3** A foundation in information literacy provide students skills to use information and comprehend ideas scientifically by using mathematical properties.
- 4** Students study proactively through flipped classrooms, small group discussions, and debates using IoT and traditional methods.
- 5** Practical work enables students to grasp the essentials, think logically and express their thoughts.
- 6** Volunteer work, fieldwork, and practical studies gives students social skills, communication skills, and problem-solving skills.

Curriculum

Functional Food Business

Project Management

Basic Marketing

Theory of Business Management

Overview of Environmental Science

Admission Policy

Desired Students

Students who desire to work as technical professionals in food and agricultural science, including related work such as planning, development, management, and sales.

Faculty of Applied Life Sciences

Laboratories

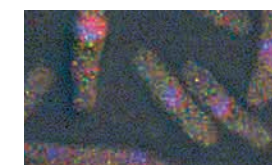
Animal Cell Engineering

We define the alteration of animal cellular genes that cause life phenomena and study their application.



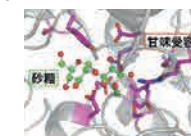
Gene expression regulation

We aim to uncover fundamental mechanisms of cancer, aging, and obesity that are major targets of modern medicine.



Chemical Biology

We study the workings of various bioactive molecules and proteins with olfaction, taste and pain. Should be The targets for our studies are bioactive molecules and their receptor proteins concerning odor, taste and pain.



Plant Biotechnology

We build the research base for plant genome breeding for the effective use of plant genetic resources through genomics.



Environmental Engineering

We aim for the improvement and conservation of the environment through the study of the dynamics of chemicals and their safe management based on chemistry and engineering.



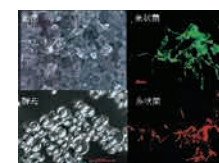
Environmental Organic Chemistry

We study the speedy and efficient chemical synthesis of plants and marine life-derived bioactive compounds.



Applied Microbiology

"Save the Earth with Microorganism"
We are developing from microorganisms environmentally friendly technologies to make food, cosmetics, industrial raw materials from inedible biomass.



Functional and Analytical Food Sciences

We develop and evaluate the function of functional foods that offer advantages in the prevention of metabolic syndrome.



Nutritional Biochemistry

Our research target is developing new functional food to contribute for human health. Current research activities: structure and function of physiologically active food constituents such as plant polyphenolics, oligosaccharide and other food components to evaluate their antioxidant activity, anti-obesity, anti-diabetic, anti-inflammation and anti-carcinogenesis.



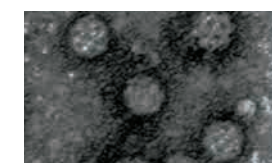
Food and Fermentation Technologies

Based on researches concerning high-pressure and microbial application, we are developing environmentally-sustainable technologies for food processing and fermentation.



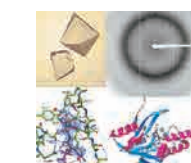
Food Safety

We study the safe methods of supplying foods such as prevention of food poisoning and development of disinfecting methods.



Food Enzymology

We study function of proteins in food and microbes with various methods including kinetic analysis and X-ray crystallographic analysis of their three-dimensional structure.



Resource Utilization of Corps and Foods

We research rice, barley, buckwheat, etc. for quality evaluation that we use them by utilizing biological, chemical and physical methods for crop resources. In addition, we research in them on utilization characteristics.



Department of Life Sciences Business

Students learn food- and agriculture-related businesses, and environment-related businesses for next generation.



Faculty of Pharmacy

Educational Objectives

We train future pharmacists.

Students will study advanced subjects in pharmaceutical sciences in order to contribute to the medical field.

They will develop a sense of ethics and personality suitable to working as a medical professional.

They will possess the intellectual curiosity to contribute to the development of medicine, improving the health and welfare of society.

Admission Policy

The Faculty of Pharmacy expects students to possess the following traits.

01

Students will be eager and passionate about contributing to society as a medical professional.

02

Students will have basic academic skills in science, and an intellectual drive to learn advanced technical knowledge.

03

Students will have the communication skills and personality suitable for a medical professional.



Faculty of Pharmacy

Curriculum Policy

In order for students to gain the skills required to obtain a degree, we have created a curriculum under the following guidelines.

2 Offer subjects that incorporate the humanities in order to develop basic skills as medical professionals.

4 Offer general subjects in order to proactively harness science in a clinical way.

6 Offer practical subjects to cultivate personal skills that will contribute to sustainable social welfare.

1 We have tailored curriculum across specific levels in studies ranging from basic pharmacy, sanitary pharmacy, medical pharmacy, and clinical pharmacy, based on our Core Curricula of Pharmacy Education Model.

3 Offer technical subjects in pharmacy in order to understand various medicines and their appropriate application.

5 Offer subjects that nurture problem solving abilities.

7 Offer liberal arts subjects to develop a breadth of knowledge, which is crucial in cultivating personal skills.

Curriculum

Seminar in Elemental Chemistry

Physical Pharmaceutics

Prescription Analysis

Current Medical Technologies

Advanced Pharmacology

Faculty of Pharmacy Laboratories



Pharmaceutical Chemistry

We conduct studies to explore the new principles of organic and inorganic chemistry on the theme "create new drugs in a super efficient manner" and to understand drugs that work on the human body.



Bioorganic & Medicinal Chemistry

Our aim is to reveal the function of peptides and proteins using advanced peptide synthesis and protein chemistry technologies. We identify new aspects of biomolecules based on organic chemistry.



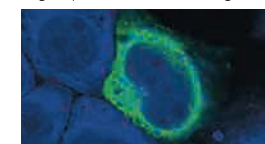
Pharmacognosy

We study the function of enzymes that catalyze the biosynthetic reactions of active ingredients produced by medicinal plants by incorporating organic chemical, biochemical and molecular biological methods.



Biochemistry

Research in the Komuro laboratory focuses on innate immunity underlying recognition of viral RNAs and functional interaction between type-I interferon signaling and RNA interference (RNAi) in mammalian cells. We also investigate protein-based anti-fungal drugs.



Biopharmaceutics

For Individual Differences of Drug Susceptibility
1. Search for genetic polymorphism
2. Affect susceptibility by gene mutation
3. Development of reagents capable of detecting genetic differences conveniently and rapidly and clinical application



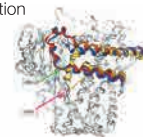
Public Health

We study the genes and substances that fundamentally contribute to pathogenesis based on pharmaceutical knowledge with an aim to clarify the detailed pathogenic mechanisms of adult-onset diseases with a focus on cancer.



Biopharmaceutics

For Individual Differences of Drug Susceptibility
1. Search for genetic polymorphism
2. Affect susceptibility by gene mutation
3. Development of reagents capable of detecting genetic differences conveniently and rapidly and clinical application



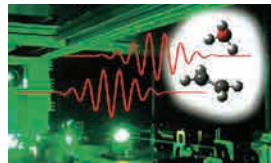
Gene Therapy

We study regulatory mechanisms concerning GATA transcription factors, especially focused on the heart disease and colon cancer since GATA-4 and GATA-6 are essential for heart muscle differentiation and colon cancer cell growth, respectively.



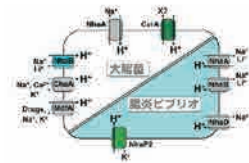
Physical Chemistry

Our research interests are investigation of novel photo-induced chemical reactions and their application to analytical techniques by using lasers and computational chemistry.



Microbiology

We explore the function of proteins that play an important role in the mechanism that maintain the homeostasis of the ionic environment of cells and analyze them using microbes as research materials.



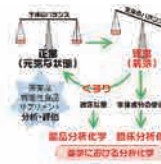
Physical Pharmacy

We develop drugs, fragrance and cosmetic materials with new functionalities by defining the mechanisms of the complex formation of amphiphiles and drugs and by using their complex.



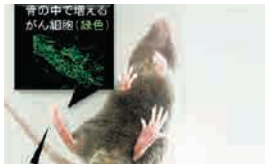
Bio-analytical Chemistry

Our studies to development high sensitive and selective determination methods for bio-markers, and apply to patients plasma and for the evaluation to find a new mechanism of polyphenols.



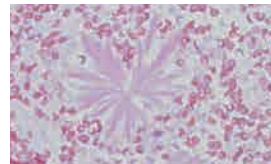
Department of Pharmacology

We study the morphogenesis of chronic pain by focusing on the inflammatory agents (green) that are generated by the interaction between immune cells (red) and adipose cells (blue).



Clinical Pharmacokinetics

We study the pharmacokinetics of cardiovascular agents and antibiotics. Especially, recently, we have a great interest in quality management of patch preparations and generic medicines.



Pharmacology and Therapeutics

Because the patients are suffering from side effects such as stomatitis, peripheral neuropathy and/or hand-foot syndrome after the treatment of anti-cancer drugs, our laboratory try to investigate these invisible side effects changing to visible by quantification.



Clinical Pharmacotherapy

We conduct basic studies and make clinical application of highly safe and effective timed drug therapy for bone disorders and digestive system cancers.



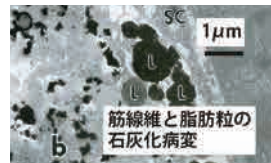
Biology

We investigate the relationships among plant distribution, life cycle, and environmental factors in the habitat such as vegetation, air temperature, relative humidity and snow-depth in the deep-snow covered district, Niigata Prefecture, central Japan. The AMEDAS data of Japan Meteorological Agency is used for the analysis of climate and the distributional factors.



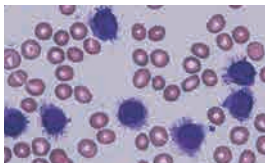
Functional Morphology

We study the mechanisms of developing calcinosis and cancer treatment by new tumor suppressor genes, and the development research of anatomical models for the education of functional morphology in pharmacy.



Pathophysiology

We research the clinical and singular condition, diagnostic methods and development treatments primarily for blood diseases.



Clinical Pharmacy

We study in depth the themes that arise from clinical practice from various perspectives.



Tuition

Faculty of Applied Life Sciences Department of Applied Life Sciences

Year		Enrollment Fee	Tuition	Facilities Fee	Others (Students' Fee, Supporters' Fee, etc.)	Total
First Year's Academic Fees	First Semester	¥300,000	¥450,000	¥100,000	¥52,490	¥902,490
	Second Semester		¥450,000	¥300,000	¥6,740	¥756,740
	Total	¥300,000	¥900,000	¥400,000	¥59,230	¥1,659,230
Second Year's and after	First Semester		¥450,000	¥300,000	¥52,490	¥802,490
	Second Semester		¥450,000	¥300,000	¥6,740	¥756,740
	Total		¥900,000	¥600,000	¥59,230	¥1,559,230

Faculty of Applied Life Sciences Department of Life Sciences Business

Year		Enrollment Fee	Tuition	Facilities Fee	Others (Students' Fee, Supporters' Fee, etc.)	Total
First Year's Academic Fees	First Semester	¥300,000	¥400,000	¥100,000	¥52,490	¥852,490
	Second Semester		¥400,000	¥100,000	¥6,740	¥506,740
	Total	¥300,000	¥800,000	¥200,000	¥59,230	¥1,359,230
Second Year's and after	First Semester		¥400,000	¥200,000	¥52,490	¥652,490
	Second Semester		¥400,000	¥200,000	¥6,740	¥606,740
	Total		¥800,000	¥400,000	¥59,230	¥1,259,230

Faculty of Pharmacy

Year		Admission Fee	Tuition	Facilities Fee	Others (Students' Fee, Supporters' Fee, etc.)	Total
First Year's Academic Fees	First Semester	¥300,000	¥600,000	¥450,000	¥22,490	¥1,372,490
	Second Semester		¥600,000	¥450,000	¥6,740	¥1,056,740
	Total	¥300,000	¥1,200,000	¥900,000	¥29,230	¥2,429,230
Second Year's and after	First Semester		¥600,000	¥450,000	¥22,490	¥1,072,490
	Second Semester		¥600,000	¥450,000	¥6,740	¥1,056,740
	Total		¥1,200,000	¥900,000	¥29,230	¥2,129,230



Campus

Lecture Hall



Large Lecture Hall

Our largest lecture room with a capacity of 360 seats. It has a large retractable screen in the front and images on the screen can be projected onto monitors on the walls, so that those in the back row seats can see things in detail.

Research Facilities



Mass spectrometer



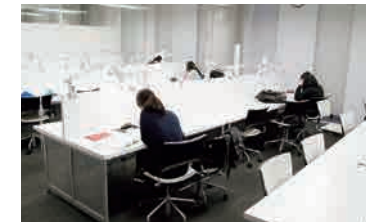
Single crystal automatic X-ray structure analyzer



Sterile preparation laboratory

Research facilities are fully equipped to maintain research infrastructure and enhance research functions.

Study Facilities



Study Room

The room is open to all students. It is open from 08:00 to 21:00, except on days when the university is closed.



Library

The library houses 52,000 or so specialist and liberal arts books. It is open from 09:00 to 21:30 on weekdays and 09:10 to 16:30 on Saturdays. You can also borrow books when you register with the library. There are 290 seats in the library.



Computer Lab

The room has 77 computers for student use. You can study using the internet anytime as long as it is within open hours. There are also several wireless LAN access points in the university.

Medicinal Plant Garden



Medicinal Plant Garden

The approximately 3,000 square meter garden has an administration building (130m²) and greenhouse (150m²), and about 300 types of medicinal plants are grown. We also have the Gozu Garden (13,000m²) in Agano City about 20km from the university where about 250 types of medicinal and wild plants are maintained in a forest close to nature.

Sports Facilities



Gymnasium

Besides university events, physical education classes and extracurricular activities (clubs), it is used for a variety of purposes. It provides a place for students to build strength and refresh and is has a training room equipped with fitness equipment, changing rooms and shower rooms.



Sports Ground & Tennis Court

The multipurpose ground and tennis courts near the student parking lot are used for ballgames and club activities.

Campus

Niitsu Campus

Graduate School of Applied Life Sciences

Graduate School of Applied Life Sciences

Master's Program

Applied Life Sciences Course

Pharmaceutical Science Course

Doctoral(Ph.D.)Program

Laboratories

Applicants can choose one of the following laboratories as their affiliation at NUPALS.

Applied life sciences course

Animal Cell Engineering	Gene expression regulation	Plant Biotechnology
Environmental Engineering	Environmental Organic Chemistry	Applied Microbiology
Functional and Analytical Food Sciences	Nutritional Biochemistry	Food and Fermentation Technologies
Food Safety	Food Enzymology	Resource utilization of corps and foods

Tuition

Year		Admission Fee	Tuition	Commission Fee (4 months)	Total
First Year's Academic Fees	First Semester	¥200,000	¥200,000	¥2,430	¥402,430
	Second Semester		¥200,000		¥200,000
	Total	¥200,000	¥400,000	¥2,430	¥604,430

Graduate School of Pharmacy

Curriculums

Special Lecture in Medicinal Chemistry

Special Lecture in Clinical Pharmacokinetics

Special Lecture in Health Science

Special Lecture in Pharmacotherapy for Cancer

Laboratories

Applicants can choose one of the following laboratories as their affiliation at NUPALS.

Pharmacy course

Pharmaceutical Chemistry	Bioorganic & Medicinal Chemistry	Pharmacognosy
Biochemistry	Hygienic chemistry	Public Health
Physical Chemistry	Bio-analytical Chemistry	Pharmacology and Therapeutics
Functional Morphology	Biopharmaceutics	Microbiology
Pathophysiology	Gene Therapy	Physical Pharmacy
Clinical Pharmacokinetics	Chemistry	Biology
Clinical Pharmacy	Physical Chemistry	

Tuition

Year		Admission Fee	Tuition	Commission Fee (4 months)	Total
First Year's Academic Fees	First Semester	¥200,000	¥200,000	¥4,660	¥ 404,660
	Second Semester		¥200,000		¥200,000
	Total	¥200,000	¥400,000	¥4,660	¥604,660



Scholarships

Japanese Government (MEXT) Scholarships

The Ministry of Education, Culture, Sports, Science and Technology (Monbukagakusho:MEXT) of the Japanese Government has been inviting international students to study in Japan at state expense since 1954. Applications should be made through Japanese embassies or consulate-generals abroad or Japanese universities.

Japan Student Services Organization (JASSO) Scholarships

"Monbukagakusho Honors Scholarship for Privately-Financed International Students" has been provided by JASSO. JASSO also offers "Student Exchange Support Program (Scholarship for Shortterm Study in Japan)" for those accepted by Japanese universities under student exchange agreements or other student exchange arrangements with their home universities. Applications should be made through Japanese universities.

Local Governments / Local International Associations Scholarships

Local governments and local international associations in Japan provide scholarships to students living in their district as well as those who attending schools in their district.

Private Foundations Scholarships

Private foundations scholarships are provided by private companies or organizations. Reflecting the objective and character of the company or organization, scholarships are granted to students attending schools in a given district, or limited to special subjects related to the company, or to be provided to students from a certain country or region with which the enterprise has exchanges.

Scholarships available abroad

Although most of the scholarships are available after coming to Japan, several local governments, local international associations and private foundations accept applications from overseas.

Other Consultation Services

Multi-language consultant contact

Niigata International Association

TEL: +81 25-241-1881
e-mail: nia10@niigata-ia.or.jp
URL: <http://www.niigata-ia.or.jp/>

Niigata City International Exchange Foundation

TEL: +81 25-225-2727
e-mail: kyokai@nief.or.jp
URL: <http://www.nief.or.jp/>

Multi-language information

URL: <http://www.clair.or.jp/tagengo/>

Residence Procedure

Foreign resident registration: Resident department in each city office

Resident qualification: Immigration bureau of Japan, Niigata office

Niigata airport terminal building, 3710 Matsuhama, Higashi-ku, Niigata city, Niigata, Japan, 950-0001
TEL: +81 25-275-4735 FAX: +81 25-275-4848

Medicine and Insurance

The following organization issues materials for international patients in other languages.

Incorporated non-profit organization "AMDA international medical information center" (Tokyo)

TEL: +81 3-5285-8088 URL: <http://amda-imic.com/>

Extracurricular Japanese lessons

We will offer Japanese classes for the international students and researchers who want to learn Japanese. Japanese classes also offered in Niigata city as well as in campus.

A Day in the Life of International Student



Sandra Constantin

Faculty of Pharmacy - Department of Pharmacy
From Romania



My name is Sandra Constantin and I am an assistant professor Ph.D. at Pharmacy Faculty Iasi, Romania. I wanted to study new methods in organic synthesis, develop my knowledge in the pharmaceutical chemistry field, to improve my Curriculum Vitae and, not least, to fulfill my dream: to visit Japan and discover the Japanese life and culture. So far, I've done four internships in France during and after my Ph.D. studies, which helped me a lot to develop my personal life and my career and motivated me to want more experiences like these.

I am living in Niitsu, a beautiful and welcoming house. I like this city very much. It is very calm, quiet, with a lot of green spaces which give me a relaxed state of mind. Niigata is also a beautiful city and the local people are great. I've enjoyed a lot walking along the Shinano River, visiting the touristic places and shopping centers and trying out the local traditional food.

I encourage all students and teenagers to take advantage of their age and to choose to study abroad either for an internship or for a longer period of time. It is a great opportunity and a new experience especially here in Japan, a strong developed country with a very different and unique culture. Studying abroad is a great opportunity to improve your knowledge, develop your foreign language skills and, more importantly, your communication skills.

Likewise, you can experience new educational systems and different approaches to education and learn about other cultures, their customs and cuisines. All in all, studying abroad means a lot of great moments and experiences which for sure you will never forget.

Daily Life

Go to NUPALS

I go to NUPALS every day by its school bus around 8 a.m. I arrive at NUPALS within 15 minutes from my apartment.



Study

I enjoy the life because, even if there are language barriers with my colleagues, I feel that I'm a member of the team.



Evening

Usually I go back to my apartment with the last bus from NUPALS.



Message to applicants

I enjoy the life in Japan. For sure, I will never regret this experience. I will remember all these great moments in Japan.



apartment near campus

Life

Housings off-campus are available.

Ex.: rent ¥24,000~¥50,000, furnished

Typical one month cost of living

Income	Scholarship	¥50,000
	Part-time job	¥40,000
Total Income		¥90,000~

This is one example of monthly living cost.

Expenses	Rent	¥30,000~
	Utilities	¥10,000
	Others	¥50,000
Total Expenses		¥90,000~



Niitsu Campus

Faculty of Applied Life Sciences
Department of Applied Life Sciences
Faculty of Applied Life Sciences
Department of Life Sciences Business
Faculty of Pharmacy
Department of Pharmacy

Niitsu Station Campus East

Faculty of Applied Life Sciences
Department of Applied Life Sciences
Faculty of Applied Life Sciences
Department of Life Sciences Business

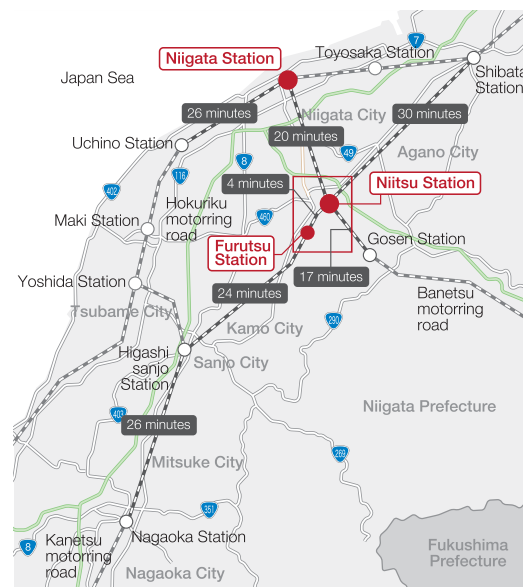
Niigata University of Pharmacy and Applied Life Sciences

265-1 Higashijima, Akiha-ku, Niigata city,
Niigata 956-8603
TEL:+81 250 25-5200 FAX:+81 250-28-5340
e-mail:intl@nupals.ac.jp

Access



Railways around campus



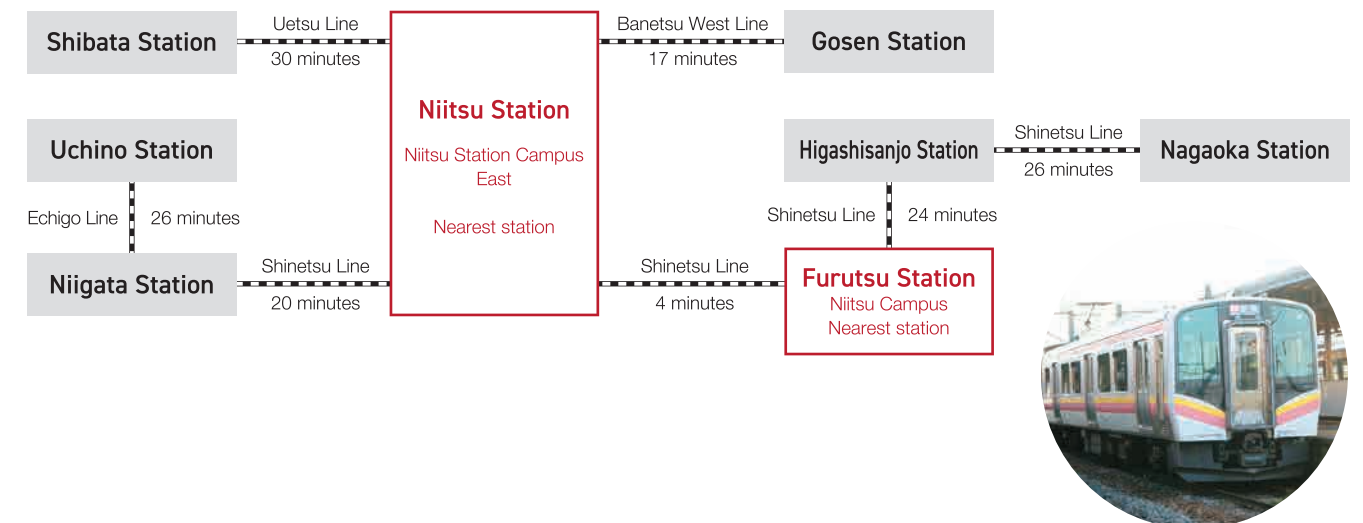
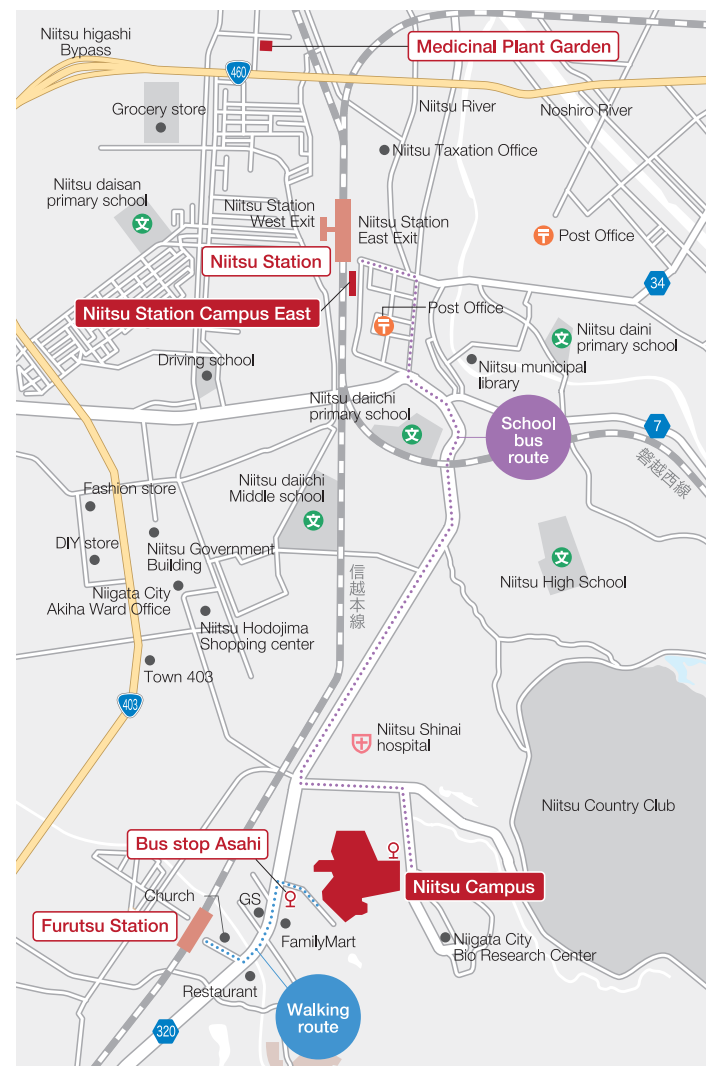
Niitsu Campus

265-1 Higashijima, Akiha-ku, Niigata city, Niigata 956-8603

Niitsu Station Campus East

1-2-37 Niitsu Hon-cho, Akiha-ku, Niigata city, Niigata 956-0864

From Niitsu Station and Furutsu Station



School bus

It takes for ten minutes by school bus from Niitsu Campus to Niitsu Station Campus East.



By JR train and school bus, it takes about 30 minutes to go to "Niitsu Campus" from JR Niigata Station.

