

Degree Programs Offered in English

A Brief Guide for Prospective International Students



Yokohama National University
Yokohama, JAPAN

YOKOHAMA Creative-City Studies (YCCS)

Economics

Japanese Management

Transnational Law and Policy

Mechanical Engineering, Materials Science, and Ocean Engineering

Chemistry and Life Science

Mathematics, Physics, Electrical Engineering and Computer Science

International Development Engineering

International Infrastructure (IGSI)

Infrastructure Management (IMP)



Degree Programs Offered in English

A Brief Guide for Prospective International Students

Thank you for your interest in Yokohama National University (YNU).

If you are looking to study at a top-class Japanese university in English, and want to live in a metropolis full of excitement but also in a safe and comfortable environment, YNU can be the right choice for you.

Having experienced a dramatic transition from a small fishing village to Japan's second largest city in 150 years, Yokohama is now recognized as one of the most exciting cities for its cultural, socio-economic, and infrastructural dynamism.

YNU has rich experience in hosting enthusiastic international students and researchers on its exceptionally verdant campus. There are programs and environments in place to harness diversity and enrich campus life for all.

Together with you, YNU will keep striving to be a vibrant educational hub with a diverse student body, and will continue to disseminate world-class educational and research achievements to create a better future.



5 Reasons to Study at YNU

Cutting-edge Research

As an "international focal point of practical scholarship", YNU cultivates and applies knowledge that contributes to the welfare of people in Japan and beyond, as well as to the sustainable development of society.

Practical Education

Based on the deep-rooted history and tradition of Yokohama as a thriving city of trade, commerce, and industry, YNU carries on the advanced and practical scholarship to cultivate globally-competitive talents.

Ideal Location and Environment

The green Tokiwadai Campus located in Yokohama, the second largest city in Japan, creates a park-like atmosphere, and has an excellent environment for studying and researching, as well as a relaxed campus life.

Excellent Facilities and Student Support

YNU aspires to serve as a vibrant educational hub for a diverse body of students by providing unique services and systems for international students, along with student facilities.

Affordable Expenses and Successful Career Paths

Studying at YNU is markedly economical. After graduation, a distinctively large number of international students find employment in major Japanese companies or advance to prestigious Japanese graduate schools.

YNU by Numbers

Founded in
1874

5
Colleges

5
Graduate Schools

7,500
Undergraduate Students

2,500
Graduate Students

1,000
International Students

600
Full-time Faculty

1
Campus

140
Partner Institutions

Degree Programs Offered in English at YNU

Although the majority of lectures and seminars are given in Japanese, YNU offers the following 15 programs for those who wish to study solely in English. Please check the application guidelines and website of the appropriate program for more detailed and up to date information on eligibility and the application process.

Program	Admission	College/Graduate School	Degrees Offered	
Degree Level : Undergraduate				
1	YOKOHAMA Creative-City Studies (YCCS)	October	College of Urban Sciences	Bachelor of Arts
Degree Level : Master				
2	Economics	October	Graduate School of International Social Sciences	Master of Arts in Economics
3	Mechanical Engineering, Materials Science, and Ocean Engineering *1	April / October	Graduate School of Engineering Science	Master of Engineering
4	Chemistry and Life Science *1			Master of Science Master of Engineering
5	Mathematics, Physics, Electrical Engineering and Computer Science *1			
6	International Development Engineering	October	Graduate School of Urban Innovation	Master of Engineering
7	International Infrastructure (IGSI)			Master of Philosophy in Infrastructure Management
8	Infrastructure Management (IMP) *2			
Degree Level : Doctor				
9	Economics	October	Graduate School of International Social Sciences	Doctor of Philosophy in Economics
10	Japanese Management			Doctor of Philosophy in Business Administration
11	Transnational Law and Policy			Doctor of Laws Doctor of International and Business Law Doctor of Philosophy
12	Mechanical Engineering, Materials Science, and Ocean Engineering *1	April / October	Graduate School of Engineering Science	Doctor of Engineering
13	Chemistry and Life Science *1			Doctor of Science Doctor of Engineering
14	Mathematics, Physics, Electrical Engineering and Computer Science *1			
15	International Development Engineering	October	Graduate School of Urban Innovation	Doctor of Engineering

*1 All lectures of the three departments at the Graduate School of Engineering Science are conducted in English.

*2 This program is sponsored and organized by World Bank, and offered exclusively for government officials and public servants of specific countries; application is not open for general public.

Apart from these, graduate students who study under such scholarships as Japanese Government (MEXT) Scholarship, Global Doctoral Program for Academic Career Support (GDACS), and Japanese International Cooperation Agency (JICA) Scholarship can also pursue their studies entirely in English.



Undergraduate Program (1 Program)

Y

1. YOKOHAMA Creative-City Studies (YCCS)

This program offers innovative interdisciplinary courses for future leaders. The classes are taught in English, but students also learn the Japanese language intensively during their studies. Through the program, the students are expected to develop key skills for global leaders such as multilingual and cross-cultural communication, teamwork, leadership, project planning and organizing, as well as to acquire professional knowledge in their major subjects.

www.yccs.ynu.ac.jp
yccs-admission@ynu.ac.jp



Master Programs (7 Programs)

E

2. Economics

Designed to provide graduates with knowledge of economic theory, empirics, and policy at the highest of global academic standards, the program was established in 2013 to serve a competitive pool of selected international student applicants eager to pursue careers as academic researchers, specialists or business professionals in the international arena. This program has two distinctive features. First, it offers a North American course-based curriculum with specializations in international economics and labor economics. Second, it also offers a policy-oriented program employing both comparative economic systems and political economy approaches. The M.A. Program welcomes not only those applicants straight out of a Bachelor's degree, but also those who already have some work experience and who strive to improve and augment their existing knowledge of economics to a level equivalent to a North American or European graduate school.

www.economics.ynu.ac.jp/igp/
int.gakumu-all@ynu.ac.jp



3. Mechanical Engineering, Materials Science, and Ocean Engineering

Mechanical engineering, material engineering, naval architecture and ocean engineering, and aerospace engineering all seek to build advanced systems and highly functional materials by combining elementary technologies while incorporating basic principles. This department helps students understand these basic principles, develop their scientific intuition in applying those principles, and cultivate the ability to adapt to technical innovation in this globalized world. The learning and research activities in the department seek to build advanced systems and create highly functional materials by bringing together elementary technologies, designing technologies to make the most of elements, and creating production technologies that maintain the balance between our society and the environment. In this manner, our department produces globally-competitive engineers and researchers with practical and sophisticated skills.

www.fse.ynu.ac.jp/english/about/dep/dep1.html
ses.daigakuin-eng@ynu.ac.jp



Green Campus

The Tokiwadai Campus is home to all undergraduate colleges and graduate schools of YNU. It was constructed on a piece of land vacated by Hodogaya Country Club, the first 18-hole golf course in Japan.

The green campus just 3 km away from Yokohama Station creates a park-like atmosphere, and has an excellent environment for studying and researching, as well as a relaxed campus life.



15min

From Yokohama
Station by bus

-3°C

Cooler than City in
Summer

Land Area

456,000m²

Green Area

43.9%

4. Chemistry and Life Science

Today's material civilization is built upon comprehensive and advanced science technologies for developing and applying functional materials based on unique natural science. The important keys for the sustainable development of civilization include the pursuit of exceptional substances and materials, the construction of good production systems, and the understanding and application of life phenomena. To achieve this, a comprehensive system must be built beyond the conventional academic framework of chemistry to incorporate mathematics and information science. This department focuses on chemistry and life science and produces internationally-minded professionals who can adapt to evolving science technologies with their basic competency and comprehensive skills to address a wide range of issues involving nature research, manufacturing, energy, and life forms by applying principles and their knowledge.

www.fse.ynu.ac.jp/english/about/dep/dep2.html
ses.daigakuin-eng@ynu.ac.jp



C

5. Mathematics, Physics, Electrical Engineering and Computer Science

The innovation in information and communication technology that has utterly transformed our society owes its remarkable development to electrical, electronic, communication, and information engineering. Further paradigm shifts and innovation require integrated and interdisciplinary understanding in extensive fields from basic science in mathematics and physics to applied engineering. The master's program at the Department of Mathematics, Physics, Electrical Engineering and Computer Science produces globally-competitive, practical, and creative engineers and researchers by offering learning and research opportunities in a wide area including mathematical science, physics, applied physics, as well as electrical, electronic, communication, information, and medical information engineering.

www.fse.ynu.ac.jp/english/about/dep/dep3.html
ses.daigakuin-eng@ynu.ac.jp



M

6. International Development Engineering

The Graduate School of Urban Innovation at YNU offers graduate programs at the Dr. Eng., Ph. D, and Master's levels in the field of International Development Engineering (Civil Engineering) taught entirely in English. The program, which originally started in 1989, now provides students with academic knowledge and tools in civil engineering theory and empirics of the highest global standards. It seeks motivated students from all over the world, who are eager to work as academic researchers, specialists or professionals in the international arena.

www.cvg.ynu.ac.jp/G0/english/apply-e.htm
fso-civil@ynu.ac.jp



7. International Infrastructure (IGSI)

By extensively utilizing a studio-teaching format, this Specialization trains students to gain useful knowledge of Civil Engineering, which they put to actual use when they confront various different urban problems in emerging and developing countries. All lectures, studio classes and consultations on master's thesis are conducted in English. The courses are offered not just to Japanese students but also to international students in general. The IGSI thus functions as a foreign-student teaching arm of the Graduate School of Urban Innovation.

www.cvg.ynu.ac.jp/G0/english/apply-e.htm
fso-civil@ynu.ac.jp



8. Infrastructure Management (IMP)

This program was established in 1995 with the receipt of a grant from a special scholarship program funded by the Japanese Government for government officers from developing countries of the International Bank for Reconstruction and Development (World Bank). The program examines approaches to infrastructure management at all levels from the planning of infrastructure to its construction and operation while bearing in mind the welfare of the local population and preservation of the environment. A new cohort has begun in October 2016 at the Graduate School of Urban Innovation.

www.urban.ynu.ac.jp/imp/
infra@ynu.ac.jp



* This program is sponsored and organized by World Bank, and offered exclusively for government officials and public servants of specific countries; application is not open for general public.

Doctoral Programs (7 Programs)

9. Economics

www.economics.ynu.ac.jp/igp/index.html
int.gakumu-all@ynu.ac.jp



E

Designed to provide graduates with knowledge of economic theory, empirics, and policy at the highest of global academic standards, the program was established in 2013 to serve a competitive pool of selected international student applicants eager to pursue careers as academic researchers, specialists or business professionals in the international arena. This program has two distinctive features. First, it offers a North American course-based curriculum with specializations in international economics and labor economics. Second, it also offers a policy-oriented program employing both comparative economic systems and political economy approaches.

The Ph.D. Program seeks candidates who have already obtained the skills and knowledge in economics at a Master's level and who have a strong motivation and the aptitude to continue studying economics at a deeper level both theoretical and empirically. After completion of their doctoral degree, graduates would typically go on (or return) to a career in academics, work at international organizations, or return to a high-level government position in their home country.

10. Japanese Management

www.b.ynu.ac.jp/english/programs/japanese-management/
int.gakumu-all@ynu.ac.jp



J

In accordance with the extension of global economy, Japanese firms extend their business areas. "Japanese management" is well known as excellent management system. There are many characteristics of this Japanese management and these suggest meaningful insights through the comparison to other country and area. Our Japanese management program focuses on the students who are interested in Japanese management and wish to study business management in specific country and area based on Japanese management. Through the study of this program, students can become academic researchers familiar with the essence of global business or the advanced business persons with enough academic skills.

11. Transnational Law and Policy

www.iblaw.ynu.ac.jp/english/admission/transnational/
int.gakumu-all@ynu.ac.jp



T

Launched in 2013, the program is designed to provide students with legal knowledge and practical skills needed for work in, inter alia, international organizations and transnational civil society organizations in various areas of global policy making. It seeks motivated students from all over the world, who are eager to work in such fields. Graduates of the program will be able to conduct leading-edge research and publish their research outcome in international conferences (both academic and policy-oriented). They will also have the opportunity to acquire high-level research skills in various methods of empirical and theoretical analysis so as to enable them to produce policy-oriented papers.

12. Mechanical Engineering, Materials Science, and Ocean Engineering

www.fse.ynu.ac.jp/english/about/dep/dep1.html
ses.daigakuin-eng@ynu.ac.jp



M

In this department, education will be conducted in mechanical, material, naval architecture and ocean, and aerospace engineering based on analyses of physical phenomena from micro to macro levels. Research conducted in this department addresses: basic science technologies to comprehensively design advanced systems from micromachines to large structures; production and processing methods for the development of functions and structural materials that maintain the balance with the global environment by applying the mechanical properties of solid materials and theories on the origins of various properties; and systems for using marine space through microengineering for marine energy use and for designing mobile objects and structures. In this manner, the department produces globally-competitive, practical, and creative engineers and researchers who can be leaders in their area of research.

13. Chemistry and Life Science

www.fse.ynu.ac.jp/english/about/dep/dep2.html
ses.daigakuin-eng@ynu.ac.jp



C

Molecules and solid materials as aggregates of atoms, and organic materials as aggregates of molecules, exhibit very different functions depending on their electronic structures, types of atoms and molecules, and their arrangements. Therefore, the clarification of the interrelation between structures and exhibited functions is vital to material chemistry. The most crucial task for producing and using materials efficiently with minimum environmental load is to establish efficient production systems for new materials by effectively harnessing the chemical energy of materials and integrating a wide range of information. To tackle global problems related to food, life, medicine, and so forth, it is essential to unravel and apply life phenomena. This department provides opportunities to develop molecules and materials that exhibit new functions, devise new processes for producing and using them, and unravel and apply life phenomena. In this manner, the department cultivates creative professionals who can identify challenges involving materials and life, and effectively address them with due consideration to the global environment.

14. Mathematics, Physics, Electrical Engineering and Computer Science

www.fse.ynu.ac.jp/english/about/dep/dep3.html
ses.daigakuin-eng@ynu.ac.jp



M

Similar to the master's programs, the doctoral programs at the department require broad familiarity and interdisciplinary knowledge in mathematical science, physics, and other basic sciences, as well as their engineering application. By engaging in the world's leading researches, these programs deepen the knowledge gained in the master's programs and help students take initiatives in the creation and development of science and industries in the fields of mathematical science, physics, applied physics, as well as electrical, electronic, communication, information, and medical information engineering. In this manner, the programs produce leading researchers and engineers who can creatively address challenges faced by the knowledge-based and information-driven society that is going through a radical change.

15. International Development Engineering

www.cvg.ynu.ac.jp/G0/english/apply-e.htm
fso-civil@ynu.ac.jp



I

The Graduate School of Urban Innovation at YNU offers graduate programs at the Dr. Eng., Ph. D, and Master's levels in the field of International Development Engineering (Civil Engineering) taught entirely in English. The program, which originally started in 1989, now provides students with academic knowledge and tools in civil engineering theory and empirics of the highest global standards. It seeks motivated students from all over the world, who are eager to work as academic researchers, specialists or professionals in the international arena.

Capacious Metropolis, Yokohama

The campus of YNU is located in Yokohama, a big city with convenient access to Tokyo and Haneda Airport. Less crowded than Tokyo, this charming city not only attracts many foreign and local visitors, but also provides an excellent living environment as a safe and comfortable commuter town. Having experienced a unique transition from a small fishing village to Japan's second largest city in just 150 years, it is the starting point of Western culture in Japan, including railways, daily newspapers, city lights, water supply, tennis, and beer.



30min

From Tokyo Station & Haneda Airport

2nd

Largest City in Japan

Population of

3.7 million

Developed within

150 years

Yokohama Visitor's Guide

www.yokohamajapan.com



Free Japanese Language and Culture Courses

At YNU, any international students can take courses on Japanese language and culture free of charge. Students can study Japanese based on their proficiency level and objectives, as we offer a wide variety of courses in six proficiency levels from beginner to advanced, as well as courses to gain specific skills in conversation, writing, kanji proficiency, etc. These courses are also a great way to get to know other international students from various countries and programs.

www.isc.ynu.ac.jp/english/study/





Academic Fees

Admission Fee (First year only) ¥282,000 (\$2,605) + Annual Tuition ¥535,800 (\$4,950) = ¥817,800 (\$7,555) *

Tuition Waiver / Scholarship

- YNU Tuition Waiver Program for Privately Financed International Students (100% / 50% / 30%)
- Wide range of scholarships (MEXT, YNU, Foreign Governments, JASSO, and Private Foundations)

Student Dormitories

Four student dormitories with more than 600 rooms for international students at ¥10,540 (\$97) - ¥61,500 (\$568) / month *

Student Support

Unique services and systems for international students (Free Japanese Language and Culture Courses / "Tutor" (Student Supporter) System / International Student Groups etc.)

* Conversion into US\$ is based on the foreign exchange rate as of the end of March 2020.

Location

The campus of YNU is located in Yokohama, a big city with convenient access (30 minutes) from Tokyo Station and Haneda Airport.



"Why Study at YNU?"

(Prospectus for International Students)

To learn more about YNU, please check the website below :



www.kokusai-senryaku.ynu.ac.jp/whystudyatynu/



YNU

Yokohama National University

International Admissions Office
79-8 Tokiwadai, Hodogaya-ku, Yokohama, JAPAN 240-8501
E-mail: iao@ynu.ac.jp

www.ynu.ac.jp/english/

