



Juntendo University

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Juntendo University



Graduate School

Graduate School of Medicine

Master's Program / Doctoral Program

Graduate School of Health and Sports Science

Master's Program / Doctoral Program

Graduate School of Health Care and Nursing

Master's Program / Doctoral Program

University

Faculty of Medicine

School of Medicine

Faculty of Health and Sports Science

Department of Sports Science /

Department of Sports Management /

Department of Health Science

Faculty of Health Care and Nursing

Department of Nursing

Faculty of Health Science and Nursing

Department of Nursing

Faculty of International Liberal Arts

Department of International Liberal Arts

Faculty of Health Science

Department of Physical Therapy /

Department of Radiological Technology



Motto

Jin

(Benevolence)

I exist as you exist, with a heart that considers and cherishes others. That is the spirit of *jin*.

Principle

Fudan zenshin

(Continuously moving forward)

Striving for advances and taking on new challenges

School Culture

Sanmu shugi

(The “three noes” principle)

No discrimination on the grounds of gender, nationality, or academic background

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Striving for advances in the *jin* spirit

based on the history of yesteryear and ever-evolving science

Juntendo is the oldest surviving private school of Western medicine in Japan, with a history dating back more than 180 years to 1838, when our founder, Sato Taizen, established Wadajuku as a school of Dutch (European) medicine in Edo's Yagenbori district (located at 2-6-8 Higashinonbashi in modern-day Tokyo).

Due in part to growing anti-Western sentiment as the Shogunate's rule drew to a close in the mid-19th century, Juntendo relocated from Edo to Sakura in Shimosa Province (what is now Sakura City in Chiba Prefecture). There, it attracted more than 100 brilliant minds from across Japan and became such a center for Western medical research, education, and clinical practice that the saying "The forests of Sakura beget ever-evolving medical science" has been handed down through the generations to us today.

In 1869, the second director of Juntendo, Sato Takanaka, returned to Tokyo from Sakura with many of his students, at the request of the new Meiji government. Takanaka was officially appointed as Senior Court Physician to the Emperor Meiji by the Ministry of the Imperial Household and became the first person to be appointed Senior Professor of the University by the Ministry of Education. As the first dean of Daigaku Toko (the forerunner of what is now the

University of Tokyo's Faculty of Medicine), he devoted his energies to establishing a modern system of medical education and consolidated the foundations of Japan's most prestigious educational institution in the field of Western medicine (Tokyo Imperial University Medical College). After returning to the post of Juntendo director, Sato Takanaka established the Juntendo Medical Society with Sato Susumu and others, using this society and Juntendo Hospital as the basis for training physicians. Individuals who had studied at Juntendo were exempted from taking the national examination required to gain a license to practice medicine. He assisted with the establishment of many medical schools in Japan, such as Saisei Gakusha, Saishusha, and Hakuaisha, and their students and alumni (including Noguchi Hideyo) underwent clinical education at Juntendo. These medical schools spawned many renowned universities, including Nippon Medical School, Tokyo Medical University, and Tokyo Women's Medical University.

Bearing the very first passport issued by the new Meiji government, Sato Susumu went to study in Germany in 1869. In 1874, he became the first Asian to graduate from the University of Berlin's medical school and receive a doctorate in medicine. After returning home from Germany, Susumu



OGAWA Hideoki, CEO



ARAI Hajime, President

continued to educate physicians alongside Sato Takanaka and, in October 1875, founded Japan's first medical journal, the Journal of Juntendo Medical Research (now published in English as the Juntendo Medical Journal (JM)), which disseminated the very latest information about medical science throughout Japan. After becoming Juntendo's third director, Sato Susumu found himself confronting national crises while holding a number of important government posts during his tenure as director of Juntendo Hospital, including director of the Army Main Hospital and surgeon-general of the army during both the Sino-Japanese and the Russo-Japanese wars. In 1885, while still serving as director of Juntendo Hospital, he became director of the First Hospital and Second Hospital of Tokyo Medical School (another forerunner to the University of Tokyo's Faculty of Medicine). He also established Daehan Hospital (now part of Seoul National University College of Medicine), serving as its first director and as dean of the College of Medicine. Thus, Susumu became a leader in promoting the spread of Western medical education not only in Japan, but also in mainland Asia.

Juntendo's fourth director (who instituted the Board of Trustees and, as CEO, became its chairman), Sato Tatsujiro, opened a specialist medical college under the auspices of Juntendo Medical Society and developed it into Juntendo Medical University. When the Faculty of Physical Education (what is now the Faculty of Health and Sports Science) was added in 1951, with Azuma Toshiro as the first dean, the university was renamed Juntendo University. While continuing in his role as director of Juntendo, Tatsujiro devoted his energies to the establishment of Tokyo Medical

University, supporting its development as its first president and then as chairman of its board of trustees.

The fifth director (CEO) of Juntendo, Ariyama Noboru, expanded and developed facilities and equipment at both the university and the hospital. He set up the Graduate School of Medicine's doctoral program in 1959 and the doctoral program at the Graduate School of Physical Education (now the master's program at the Graduate School of Health and Sports Science) in 1971. In 1967, Juntendo opened its second hospital affiliated to the Faculty of Medicine, the 94-bed Juntendo Izu Nagaoka Hospital (now known as the Shizuoka Hospital), thereby furthering Juntendo University's expansion into areas outside the capital.

In 1984, Juntendo's sixth director (CEO), Azuma Takehiko, opened the third hospital affiliated to the Faculty of Medicine, the 250-bed Juntendo Urayasu Hospital. In 1986, faced with tough operating conditions, he planned a number of projects to celebrate the 150th anniversary of Juntendo's founding: (1) the construction of the main Juntendo Hospital building (new Building No. 1); (2) the relocation of the Faculty of Physical Education to a new campus; and (3) the reorganization of Juntendo High School of Nursing, the establishment of a medical college of nursing, and its relocation from Hongo to Urayasu City.

In 1988, Juntendo's seventh director (CEO), Kaketa Katsumi, relocated the Faculty of Physical Education from the Narashino Campus to the Sakura Campus (in what is now Inzai City), and then opened the Juntendo Medical College of Nursing at the Urayasu Campus in 1989. He also reorganized the Juntendo Institute of Mental Health Koshigaya Hospital into the fourth hospital affiliated to Juntendo's Faculty of





Striving for advances in the *jin* spirit

based on the history of yesteryear and ever-evolving science

Medicine. The number of international students and research students from overseas continues to grow. While emphasizing the university motto *jin* (benevolence), based on Juntendo's guiding principle of continuously moving forward, we have established a school culture summed up in the phrase "*sanmu shugi* (the "three noes" principle)," which refers to our culture of not discriminating against people on the grounds of gender, nationality, or academic background. As a comprehensive health university and graduate school consisting of six undergraduate faculties, three graduate schools, and six affiliated hospitals, we are contributing to society and cultivating talent at the international level through education, research, medical care, and the liberal arts.

Medicine, the 221-bed Juntendo Koshigaya Hospital. In 1993, Juntendo's eighth director (CEO), Ishii Shozo, reorganized the Faculty of Physical Education into the Faculty of Health and Sports Science. He also completed the construction of the main Juntendo Hospital building (Building No. 1), bringing to fruition the last of the projects to commemorate the 150th anniversary of Juntendo's founding. During this period, he also enhanced the community medicine functions of the Faculty of Medicine's affiliated hospitals, including overseeing the expansion of the Shizuoka Hospital and an increase in the number of beds. Juntendo also has a long history of training nurses, beginning in 1896, when Sato Susumu appointed Sugimoto Kane (Japan's first head nurse) and opened a nurse training school. Subsequent directors and chairmen of the board of trustees continued to develop Juntendo's nursing education, while steering the school through organizational transitions into a nursing training institute, practical nursing training academy, high school of nursing affiliated to the Faculty of Medicine, directly managed high school of nursing, college of nursing, and three-year medical college of nursing.

More recently, in 2000, Juntendo's ninth director (CEO), Ogawa Hideoki, took the opportunity offered by his appointment as president to undertake a radical reform of the university's management, with the approval of Dr. Ishii, who was CEO at the time. To this end, Dr. Ogawa established the interdisciplinary President's Office Committee, launched the 20 University Reform Projects, and proposed, explained, and implemented a succession of innovative reforms. In 2004, after Dr. Ogawa acceded to the post of CEO, the committee changed the projects to suit the times and circumstances and still continues today under its current name: the University Management Liaison Committee. As a result:

- (1) In 2000, the Graduate School of Health and Sports Science's doctoral program was established.
- (2) In 2004, the three-year medical college of nursing was abolished and replaced with the enhanced four-year Faculty of Health Care and Nursing (in Urayasu City, Chiba Prefecture), which became Juntendo University's third undergraduate faculty.
- (3) In 2007, the Graduate School of Health Care and Nursing master's program was established in the Faculty of Health Care and Nursing.
- (4) In 2010, the Faculty of Health Science and Nursing (Mishima City, Shizuoka Prefecture) was established, becoming Juntendo University's fourth

undergraduate faculty. (5) In 2013, the Graduate School of Medicine's master's program was established, aimed at international students, working members of society, and those whose undergraduate degree was not in the field of medicine. (6) In June 2002, Tokyo Metropolitan Koto Geriatric Medical Center opened. Responsibility for its running was transferred to Juntendo by Tokyo Metropolitan Government in April 2004 and, renamed Juntendo Tokyo Koto Geriatric Medical Center, it became the fifth hospital affiliated to Juntendo's Faculty of Medicine. (7) In addition, Nerima City put together a plan to encourage the establishment of a hospital within its boundaries and selected Juntendo from among the numerous medical institutions that applied in response. In 2005, Nerima Hospital opened, becoming the sixth hospital affiliated to Juntendo's Faculty of Medicine. (8) With the permission and financial support of bodies including the Ministry of Education, Culture, Sports, Science and Technology, the following centers and research institutes have been established within the university, laying the foundations for cutting-edge education and research.

- (a) 1998: Atopy Research Center
- (b) 1999: Center for Biomedical Research Resources
- (c) 2000: Research Institute for Diseases of Old Age
- (d) 2002: Institute for Environmental and Gender-Specific Medicine
- (e) 2003: Center of Excellence for Infection Control Science
- (f) 2005: Institute of Health and Sports Science & Medicine
- (g) 2007: Sportology Center
- (h) 2008: Juntendo University International Center (JUIC)
- (i) 2013: Center for Genomic and Regenerative Medicine
- (j) 2013: Leading Center for the Development and Research of Cancer Medicine
- (k) 2014: Japanese Center for Research on Women in Sport
- (l) 2015: Shizuoka Medical Research Center for Disaster
- (m) 2016: Intractable Disease Research Center

(9) In December 2014, we received permission to establish a fifth undergraduate faculty, the Faculty of International Liberal Arts, to cultivate individuals capable of playing an active role in the international arena. We opened the faculty in April 2015, thereby strengthening our foundations as an international university and graduate school. (10) In August 2018, we received permission to establish a sixth undergraduate faculty, the Faculty of Health Science, with the objective of training physical therapists and radiological technologists, recognizing the growing need for such

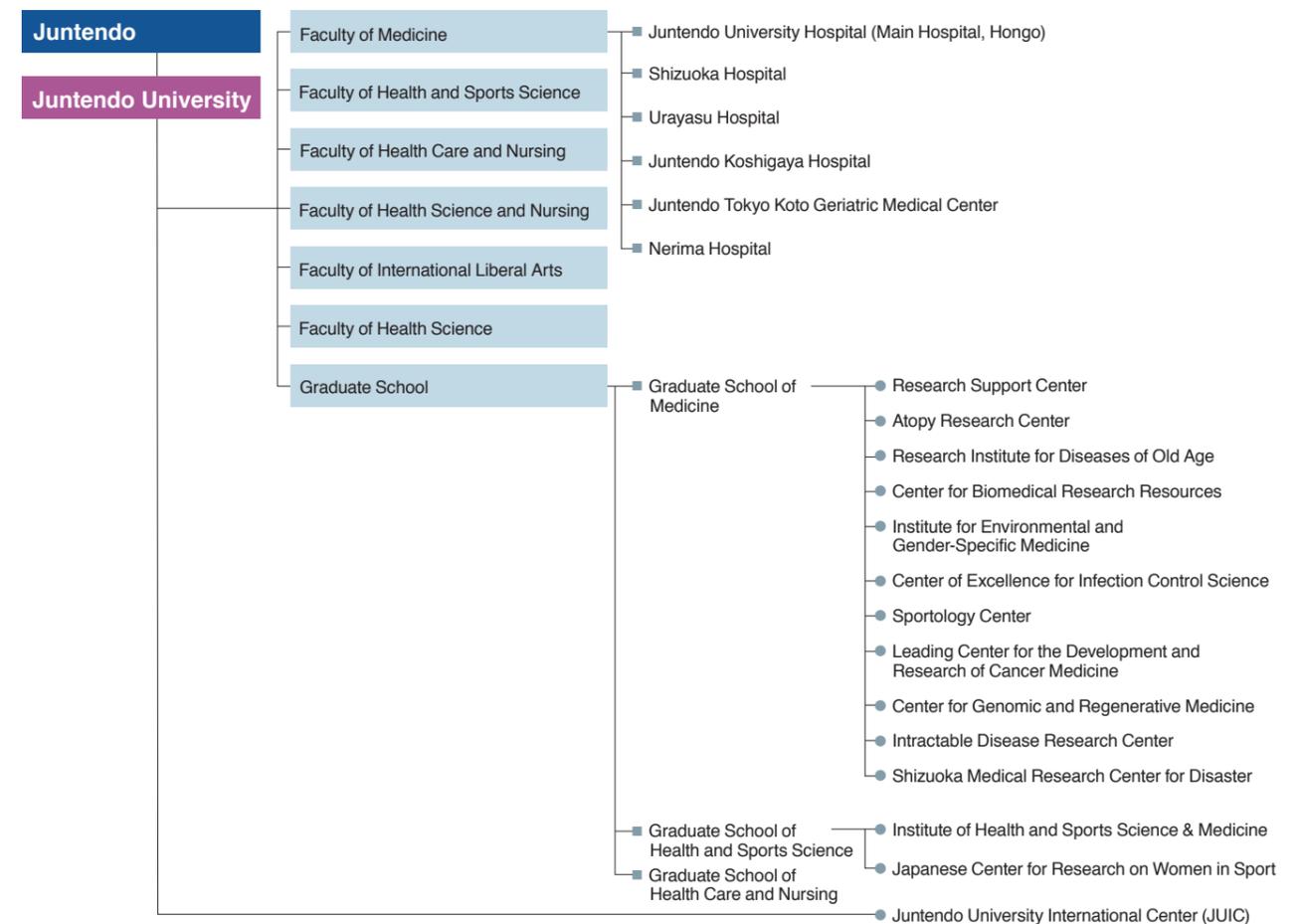
personnel in light of the escalating aging of the population and increasingly advanced nature of medical devices. We opened the new faculty in April 2019.

Juntendo's six affiliated hospitals form a robust network that is one of Japan's largest, with a combined total of 3,443 beds. As medical education institutions achieving all-round excellence, our six hospitals are working to strengthen collaborative relationships with primary care providers and other hospitals, both within Japan and overseas. At the same time, our affiliated hospitals are developing high levels of expertise to ensure that we can meet citizens' wide-ranging medical needs, including in such areas as advanced medical care, community medicine, emergency medicine, perinatal care, geriatrics, psychiatric care, cancer treatment, and the development of new drugs, medical materials, and medical devices.

Our international partner universities and institutes include Peking University, the Air Force Medical University (Xi'an), China Medical University, China-Japan Friendship Hospital (Beijing), Thailand's Institute of Dermatology (Bangkok), Vietnam Military Medical University, the Mayo Clinic, MD Anderson Cancer Center, and Charité – Berlin University of

ORGANIZATION

This organization chart shows Juntendo's current structure, which has been shaped over its 181-year history. Juntendo University will grow with the times, changing and developing to suit the times.





Faculty of Medicine

Our educational mission

MISSION

Juntendo University Faculty of Medicine provides students striving to become physicians with the education required to graduate after six years and immediately pass the National Examination for Medical Practitioners. However, we do not merely aim to ensure that students pass the National Examination for Medical Practitioners, but rather educate them to become physicians with abundant intelligence and sensitivity, and a well-rounded general education, irrespective of any national examinations. At Juntendo, we respect the individuality of each and every person, with students and faculty members forging a close relationship through medical education and extracurricular activities alike. We give consideration to all aspects of education to ensure that you can enjoy an enriching student life. The Faculty of Medicine hereby discloses to students, staff and faculty members the following educational mission, with the aim of maintaining and developing this educational environment.

Our educational mission

MISSION

Faculty of Medicine

- 1) We regard classes not solely as a means of passing on knowledge and skills, but also as a place for education that cultivates a sense of humanity through face-to-face communication between faculty members and students. The same applies outside the classroom, during bedside learning and in practical training and practicum settings.
- 2) Teachers have a responsibility to educate, while students have a responsibility to learn. In particular, students in the Faculty of Medicine must be aware that failure to study inconveniences the sick people who are their patients.
- 3) Educating students is the most important thing that faculty members can do to improve their own research and clinical abilities. By educating students, faculty members also educate themselves. We are aware that seeking to increase students' motivation, and devising and putting in place educational systems based on this raises the standard of activities by staff and faculty members not only in the educational arena, but also in the realms of research and clinical practice.
- 4) The real test of faculty members' skills will be whether or not they can transform students' attitude to learning from passive to active, so that students demonstrate a willingness to take the initiative and learn for themselves. In every course, staff and faculty members must strive to impart to the next generation what they have learned in a manner that is easier to understand. While face-to-face instruction of students by professors, associate professors, lecturers and assistant professors is important in liberal arts education, basic medical education, and clinical education, we must be aware that not only these educators, but everyone at a university is closely involved in education.

We would like to request the following of entrance examination candidates wishing to study at Juntendo University.



- 1) Since its establishment, Juntendo has, naturally, regarded academic ability as important, but we also assess candidates on the basis of their sensitivity and the personality, insight, and well-rounded general education that a physician should have, attaching importance to the interview, short essay, and evaluations at the elementary, junior high, and high school level. The validity of this approach is borne out by the fact that very few of the students admitted to our university drop out or have to repeat a year, and also by our having maintained a high pass rate in the National Examination for Medical Practitioners (in terms of average pass rate, out of 80 national, public, and private medical schools, we have been second over the last 10 years and second over the last 20 years).
- 2) Consequently, we ask that candidates use their application form to give a concise description of their activities to date, their motivation for applying to the Faculty of Medicine, and their reasons for choosing Juntendo. We then request that candidates selected for an interview bring with them to the interview documents demonstrating that they have undertaken the distinctive activities described on their application form, such as cultural, creative, or volunteer activities, extracurricular activities, and any qualifications or evaluations. For example, these might include elementary, junior high, and high school report cards; certificates; commendations; licenses, qualifications, external proficiency examination certificates (TOEFL, IELTS, TOEIC, EIKEN Test, Kanji Aptitude Test, etc.), qualifications for foreign university entrance (International Baccalaureate [IB], Abitur, Baccalaureate, etc.), and transcripts of results in foreign aptitude tests for university admission (SAT, ACT, GCE, etc.); certificates showing level of achievement in sporting or cultural pursuits such as judo, kendo, tea ceremony, or ikebana flower arrangement; trophies; and any newspaper or magazine articles featuring the candidate. As Juntendo trains physicians who will play a wide range of roles in the international community, we particularly welcome candidates whose English proficiency is such that they have already achieved a TOEFL-iBT score of around 68 points (around 520 points for TOEFL-PBT and 6.0 for IELTS) before admission, and those who have already received specialist education of one form or another at another university or other educational institution and have now decided to pursue medicine.

Faculty of Medicine

- 3) To ensure that students receive an adequate grounding in medical education at Juntendo as described above, all first-year students at Juntendo are required to live in a university dormitory for the whole year. Dormitory life trains students in putting our university motto into practice, cultivating *jin* (benevolence) by establishing the individual within the group and fostering a heart that considers and cherishes others.
- 4) The Faculty of Medicine attaches importance to general liberal arts education starting in the first year. From the second year onward, we continue to attach importance to education, particularly practical English examinations such as TOEFL and IELTS, and education on the subject of medicine in society. At the same time, we link basic medicine to clinical medicine, incorporating practicums focused on hospitals, nursing, care facilities, and clinical examination skills.
- 5) Full-scale clinical practicums start in the second half of the fourth year, with a large number of front-line training opportunities on offer, such as clinical practicums overseas (lasting 2-8 weeks; students choose their place of study themselves). This practicum-based education is fully managed by Juntendo faculty members, but there are situations in which medical students might conceivably infect or be infected by patients. To avoid infection in either direction, as is the standard practice in the West, we require all students enrolling in Juntendo to complete

a survey concerning their infection and vaccination history regarding such infectious diseases as measles, rubella, chickenpox, hepatitis, and tuberculosis; in addition, at the time of admission, we require them to undergo skin reaction tests and/or blood tests to test for antibodies to various infectious diseases. We will, in principle, vaccinate any unvaccinated students. We recommend that candidates receive vaccinations before enrollment. In this situation, please provide your vaccination certificates.

With a history stretching back 181 years, Juntendo is always proactive in undertaking reforms of student education, with the participation of staff, faculty members, specialist physicians, and the students themselves. Based on our principle of *Fudan zenshin* (Continuously moving forward), we implement reforms that live up to our status as a leader of medical education in Japan. Please be active learners, taking the initiative in cultivating not only knowledge and skills in medical science and medical care, but also a rich sensitivity and well-rounded education, while striving to realize your dreams through the learning opportunities and student life provided by Juntendo, with a thorough understanding of the immeasurable value added by your admission to our university. We want you to become physicians with an abundant sense of humanity, who will be useful to the international community and open the way to the future. Juntendo will use all its resources to support you in this endeavor. We hope that you will take on this challenge.

HATTORI Nobutaka, Faculty Dean
 HATTORI Nobutaka, Graduate School Dean
 ARAI Hajime, President
 OGAWA Hideoki, CEO



Faculty of Health and Sports Science

Our educational mission

Juntendo University is Japan's only comprehensive health university with a Faculty of Medicine, Faculty of Health and Sports Science, Faculty of Health Care and Nursing, Faculty of Health Science and Nursing, Faculty of International Liberal Arts, and Faculty of Health Science. As such, we have identified our mission as being to cultivate personnel capable of contributing to the maintenance, improvement, and recovery of human health, striving to embody our university motto *jin* (benevolence) and our guiding principle of continuously moving forward.

The Faculty of Health and Sports Science educates students who aspire to become health and physical education teachers, special needs school teachers, school nurses, and elementary school teachers, as well as those hoping to pursue careers in sports business (and related companies) and at businesses with links to the fields of health and wellbeing. To ensure that each and every one of you can bring your dreams to fruition and pursue your preferred sport or field of scholarship throughout your lives, we are devoting our energies to holistic education, as well as to enhancing the curriculum and the range of lectures and practicums available. Everything you learn will help you to shape your future.

During your time at our university, we will provide you with painstaking guidance to help you to achieve your goals and objectives. Juntendo has established a reputation as the alma mater of many in the teaching profession, using all the resources at its disposal to put in place support systems that will appeal to those wishing to become teachers.

We have put in place education and research systems befitting of a comprehensive health university, developing academic initiatives through collaboration with the Faculty of Medicine, Faculty of Health Care and Nursing, Faculty of Health Science and Nursing, Faculty of International Liberal Arts, and Faculty of Health Science. These initiatives enable our students to acquire the medical and scientific knowledge essential in order to pursue sport from a scientific viewpoint. With the pursuit of health as our core theme, we also strive to cultivate highly sociable, creative personnel with wide-ranging insight, who are capable of addressing the professional needs of a new era.

We hereby disclose to students, staff and faculty members the following educational mission, with the aim of maintaining and developing this educational environment.

1) **Forming the self**

Our faculty deals with a variety of academic disciplines relating to sports and health, including sports medicine and science, coaching science, sports management, and health science. Students can choose their fields of learning according to their ideal goals. The key point is that your studies at Juntendo will focus on practical learning, so when you are studying, we want you always to think about how you will utilize in society what you have learned at university. We also request that you form a self who is capable of making good use of the knowledge with which Juntendo has provided you. If you do so, you should be able to find a path that will enable you to engage with your preferred sport or field of study for the rest of your life. This is particularly crucial at a time when the issue of second careers for sportspeople is a hot topic.

2) **Jin (benevolence) and fudan zenshin (continuously moving forward)**

What people most need is for you to put yourself in other people's place and consider things from their perspective, rather than only your own. I exist as you exist, with a heart that considers and cherishes others: that is the spirit of *jin*.
Juntendo is Japan's oldest college of Western medicine, with a history dating back to 1838. Over the 181 years since our university's founding, the people who have gathered at Juntendo have also engaged in sport while pursuing their day-to-day studies in this spirit of *jin*. Juntendo has established *fudan zenshin* as its guiding principle. This means that we strive for advances and constantly take on new challenges, implementing ongoing reforms and achieving creative progress at all times.

3) **Mission**

Based on Juntendo's motto of benevolence and guiding principle of continuously moving forward, the Faculty of Health and Sports Science aims to provide holistic education that harmoniously and comprehensively cultivates humanity through studies in the human-centered disciplines of medicine, sports and health, and long-term nursing care and welfare. Naturally, mastery of a specialist field requires specialized knowledge and skills. However, learning that is excessively skewed toward such knowledge and skills does not enable students to learn about people, which is Juntendo's goal. We will strive to further enhance the general liberal arts education on offer, while constantly asking what people most need. We see that as our mission as a comprehensive health university.

4) **Student dormitories**

For the first year after admission, students live in the dormitory along with Faculty of Medicine undergraduate students hoping to pursue a career in medicine. Living together in an academic community and discussing their future dreams with each other, while respecting each other's career paths cultivates the human qualities that students will need after becoming working members of society, including consideration for others, a sense of responsibility, and cooperativeness. This faculty's goal is holistic education and we want candidates for admission to master the following qualities.

Be honest

Honesty means demonstrating the utmost integrity toward people and things, and treating them with sincerity. Someone who single-mindedly approaches everyone and everything with unvarnished sincerity, free from ostentation, will in turn grow as a person as a result.

Be courteous

Courteousness refers to both courtesy and restraint. Courtesy means demonstrating good manners by expressing feelings of respect for others. No matter how much we might respect others, we cannot demonstrate courtesy toward them unless we know ways of expressing it and then put them into practice. Conversely, no matter how polished your manners might appear, they cannot be described as true courtesy unless accompanied by a spirit of respect.

Be independent

The independence to assert your opinion freely and act upon it is important, in all situations. Knowledge will not advance unless the independence of researchers is respected. Even if you want to be independent, you cannot lead a successful life in human society if you fail to cooperate or compromise with those around you. Establish yourself as an individual within the group, while valuing the spirit of independence.

Be fair

Fairness means behavior that is transparent and correct, demonstrating no bias or crookedness. This also applies to the spirit of fair play. Ceaseless effort and a strong will are required to maintain impartiality. You must also have the courage to resolutely oppose wrongdoing.

Be tenacious

Being tenacious means persevering with things, as well as being strong and flexible. To achieve this, you need physical strength, patience, a strong will, and a sharp intellect. A lack of any one of these elements will mean that neither society nor the state will feel secure in entrusting serious matters to you. It is imperative that you demonstrate good self-control, endure hardship to accomplish your goals, and be able to keep this up for a long period.

YOSHIMURA Masafumi, Faculty Dean
NAITO Hisashi, Graduate School Dean
ARAI Hajime, President
OGAWA Hideoki, CEO





Faculty of Health Care and Nursing



Our educational mission

The Faculty of Health Care and Nursing provides students wishing to become nurses, public health nurses, and midwives with the education required to graduate after four years and pass the relevant national examinations. Nursing education at Juntendo has a history dating back 123 years and seeks to maintain the tradition of holistic education cultivated over this period, while training nursing professionals who are highly intelligent, have a well-rounded education, and demonstrate compassion and humanity. The faculty's educational philosophy focuses on nursing that heals the mind, not just the body. This is based on the spirit of the university motto *jīn* (benevolence), which means "I exist as you exist, with a heart that considers and cherishes others." More specifically, we respect the individuality of each and every person, with students and faculty members forging a close relationship through nursing education, extracurricular activities, and the like. We give consideration in the educational process to ensuring that you can enjoy an enriching student life. We hereby disclose to students, staff and faculty members the following educational mission, with the aim of maintaining and developing this educational environment.

- 1) We regard classes not solely as a means of passing on knowledge and techniques, but also as a place for education that cultivates a sense of humanity through face-to-face communication between faculty members and students. The same applies to clinical placements (the generic term for practicums outside the university, in settings such as hospitals, public health centers, and patients' homes) outside the classroom.
- 2) Teachers have a responsibility to educate students, while students have a responsibility to learn. In particular, students in the Faculty of Health Care and Nursing must be aware that failure to study is an impediment to the delivery of patient/family-centered team-based medicine.
- 3) By educating students, faculty members also educate themselves. Faculty members must be aware that constantly devising ways to improve students' motivation to learn leads to further enhancement of the educational system, as well as leading to an increase in the standard of faculty members' activities not only in the field of education at Juntendo, but also in the research arena.
- 4) Across the whole curriculum, faculty members strive to impart to the next generation what they themselves have learned in a manner that is easier to understand. The real test of faculty members' skills

Our educational mission



Faculty of Health Care and Nursing

will be whether or not they can transform students' attitude to learning from passive to active, so that students demonstrate a willingness to take the initiative and learn for themselves. Teaching is about more than just setting assignments. Seminars also are highly valued, even when dealing with themes outside faculty members' fields of specialism.

- 5) Not only faculty members, but also administrative staff and everyone else employed at Juntendo are aware that they are all closely involved in educating students.

The history of nursing at Juntendo dates back to 1868, when Sugimoto Kane became the very first nurse in Japan. Under the guidance of second Juntendo director Sato Takanaka and others, she became Japan's first professional nurse in 1873 when she was appointed as head nurse of Juntendo Hospital. Systematic nursing education at Juntendo began in 1896, with the opening of its nurse training school.

Over the 123 years since then, Juntendo has trained nurses, public health nurses, and midwives capable of practicing nursing that heals the mind, not just the body, based on the spirit of *jīn* (benevolence), which means "a heart that considers and cherishes others." This tradition of nursing education can be seen in the 99% average pass rate achieved by this faculty's alumni in the National Nurse Examination over the past five years.

Features of the Faculty of Health Care and Nursing

- 1) We value holistic education aimed at shaping an appealing human with an abundant, well-rounded education.
- 2) We offer education in partnership with the Faculty of Medicine, Faculty of Health and Sports Science, Faculty of Health Science and Nursing, Faculty of International Liberal Arts, and Faculty of Health Science. Students, staff, and faculty members work



together not only in the areas of education and research, but also in cultural and sporting club activities.

- 3) We have a range of hospitals suited to nursing practicum goals. Students can do their practicums at affiliated hospitals with distinctive features, such as an advanced treatment facility, a hospital specializing in geriatric medicine, an emergency and critical care hospital to which patients are brought by helicopter air ambulances, a regional care hospital, and a psychiatric hospital.
- 4) Through the academic advisor system, we provide students with support to enable them to lead an enriching student life that will assist them in delivering the kind of nursing that they themselves envisage.
- 5) We maintain close educational partnerships with Juntendo's affiliated hospitals. The whole university works together to provide powerful support in everything from education through to job-hunting and postgraduate education, with nurses at the Faculty of Medicine's six affiliated hospitals providing students with education and guidance as clinical instructors within our faculty.
- 6) We provide education aimed at cultivating nurses capable of playing an active role in the international arena. We offer English, French, and Chinese courses, enabling students to study conversation with native speakers of those languages. Students can also undertake overseas nursing internships in such countries as the USA, the UK, and Thailand. (Places are limited. Costs are borne by the student. Credits are awarded in some cases.)

We are looking forward to welcoming students from across Japan who have a desire to acquire knowledge, a sense of initiative, and the *jīn* spirit that cherishes others, to study at the Faculty of Health Care and Nursing.

KUDO Ayako, Faculty Dean
 UEKI Jun, Graduate School Dean
 ARAI Hajime, President
 OGAWA Hideoki, CEO



Faculty of Health Science and Nursing



Our educational mission

The Faculty of Health Science and Nursing provides students striving to become nurses or public health nurses (hereinafter “nursing professionals”) with the education required to graduate after four years and immediately pass the National Nurse Examination or National Public Health Nurse Examination. We regard your university years as the time in your life when you undergo the greatest growth as a person, so staff and faculty members work in harmony to provide you with the education needed to become a nursing professional who is highly intelligent, has a well-rounded education, and demonstrates abundant sensitivity.



As the only four-year faculty of nursing in eastern Shizuoka Prefecture, we have an educational philosophy (educational policy) of practicing nursing that heals both body and mind, based on the spirit of *jin* (benevolence) that is the university's motto and maintaining Juntendo's tradition of nursing education stretching back more than 120 years. *Jin* is a very important word that underpins Juntendo University's overall approach and its attitude to education and research. *Jin* means a heart that considers and cherishes others. Making full use of the environmental advantages of our location in Mishima, just 50 minutes or so from Tokyo Station, we give consideration in the educational process to academic initiatives based on

partnerships with the Faculty of Medicine, Faculty of Health and Sports Science, Faculty of Health Care and Nursing, Faculty of International Liberal Arts, and Faculty of Health Science, putting in place an education and research system befitting of a comprehensive health university.

We hereby disclose to students and faculty members the following educational mission.

- 1) We regard university as a place where students themselves actively learn and a place for education that enables students to use their creativity to establish their selves and become independent.

Our educational mission



Faculty of Health Science and Nursing

- 2) We regard classes not solely as a means of passing on knowledge and skills, but also as a place for cultivating a sense of humanity through communication between faculty members and students.
- 3) Teachers have a responsibility to educate, while students have a responsibility to learn.
- 4) Remarkable progress and change occur in the fields of health science, medicine, and welfare, so faculty members and students alike must be aware that failure to study is an impediment to the delivery of team-based medicine and health activities centered on prevention and on maintaining and improving the health of the patients, family members, and communities concerned.
- 5) As part of our measures to address university globalization, we aim to ensure that students improve their TOEFL scores.

Features of the Faculty of Health Science and Nursing

- 1) Juntendo has a tradition of nursing education dating back more than 120 years. Building on the achievements of the existing Faculty of Health Care and Nursing, we have put in place the very latest educational facilities and equipment.
 - We are also equipped to deal with electronic medical records and other aspects of the IT age.
- 2) Our faculty members, who have a wealth of experience in education and clinical practice, maintain close relationships with the students.
 - Communication with faculty members enables students to learn a great deal from their seniors, both as nursing professionals and about life.

- 4) From the first year onward, with the assistance of emergency and critical care center doctors, flight nurses, anesthesiologists, and firefighters, students receive practical training at the university in the use of automated external defibrillators (AEDs) and advanced dummies that enable students to put critical care techniques into practice.
 - Students who take this class will be awarded a completion certificate for the Japanese Association for Acute Medicine's Immediate Cardiac Life Support (ICLS) course. It enables students to learn based on a vision for becoming immediately effective nurses who are capable of dealing with disasters.
- 5) As medical care becomes more advanced and specialized, and people's needs increasingly diverse, we are providing basic nursing education that will enable students to provide safer, more reassuring, higher-quality nursing.
 - As nurses, students will be able to provide heartwarming, creative care based on sound skills.

The emergency and critical care center is a key treatment field at Juntendo's Shizuoka Hospital, which is also the operational base hospital for the eastern and central Shizuoka Prefecture helicopter air ambulance. With flight nurse training set to become an increasing focus, you will be able to gain highly valuable experience not available elsewhere.

We hope that you will enjoy spending four years at our faculty developing your physical and mental capabilities, and go on to achieve your dreams based on the specialist nursing skills cultivated here. Nursing professionals are in great demand and you will find it to be a highly rewarding and profound occupation.

- 3) In addition to full-time academic staff, doctors, nurses, and technologists from the Faculty of Medicine's Shizuoka Hospital, which is the core hospital for eastern Shizuoka Prefecture, work in close partnership with us to deliver education.
 - Practicum instructors in clinical settings also serve as clinical nursing lecturers, carefully coordinating education in practical nursing settings and within the university, so that students can make a smooth transition to nursing practice after finding employment.

OKUMA Yasuyuki, Faculty Dean
 ARAI Hajime, President
 OGAWA Hideoki, CEO



Faculty of International Liberal Arts

Our educational mission

MISSION

Taking the spirit encapsulated by the university motto *jin* (benevolence) as our basic principle, Juntendo University's Faculty of International Liberal Arts provides education aimed at cultivating global citizens with the desire to contribute to improving sustainability, multicultural societies, and human welfare by gaining the foreign language skills required in the international community, along with a wide-ranging, well-rounded general education in culture, history, economics, and natural science, and a grounding in global societies, intercultural communication, and global health services.



Our educational mission

MISSION

Faculty of International Liberal Arts

The educational objective of the Faculty of International Liberal Arts is to cultivate global citizenship so as to enable students to contribute to the creation of a sustainable future. Securing diversity is essential to ensuring that humanity's future is sustainable, so global citizens capable of helping to build multicultural, multilingual societies will be required.

This faculty requires well-motivated students who understand our educational philosophy and are equipped with the qualities required to become global citizens who will contribute to a multicultural society.

What Kind of Students Are We Seeking?

- 1) People who are interested in the true state of our globalized world, its challenges and background, and diverse cultures and people, and who dream of trying to contribute to a sustainable future for humanity.
- 2) People who aim to contribute to a multicultural society as global citizens and who want to continue learning independently for the rest of their lives.
- 3) People who wish to understand and interact with people from other countries by communicating in other languages, based on their own identity and native language skills.

Subjects and Disciplines That Prospective Students Should Study before Enrollment

The Faculty of International Liberal Arts would like prospective students to study the following subjects and disciplines at high school, etc. before enrolling in university.

- 1) English and Japanese language: Communication skills, basic reading comprehension skills, ability to express oneself, and thinking skills, which are required to enable you to play an active role in the international community.
- 2) Social studies: A basic knowledge of the geography, history, or civics required for an interest in and understanding of the international community.
- 3) Science and mathematics: A basic knowledge of the natural sciences required to understand biological phenomena, health care and medical care, including biology, chemistry, and mathematics.
- 4) Initiative, independence, and a positive attitude cultivated through extracurricular activities, volunteer activities, and overseas experience, among others.

Basic Admissions Policy

Our faculty makes an active effort to accept students with diverse backgrounds by combining multiple methods for selecting university entrants. When

deciding which candidates to accept for admission, we make a decision that takes a comprehensive range of factors into consideration in our assessment, including not only academic performance and activities at high school and the like, but also volunteer and other activities.

The international liberal arts education provided by the Faculty of International Liberal Arts over four years is an academic program that cultivates global citizens, based on the university motto *jin*, its guiding principle of *fudan zenshin* (continuously moving forward), and the school culture of *sanmu shugi*, which means that we do not discriminate against people on the grounds of gender, nationality, or academic background. The curriculum is composed as follows.

[Introduction period]

- 1) Cultivating communication skills through foundation courses
You will gain experience of presentations in the first semester and facilitation in the second, thereby laying the foundations of the communication skills essential for global citizens.
- 2) Basic subjects that foster liberal arts with an international reach
Regardless of whether you intend to specialize in the humanities or science, you will take basic subjects including foreign languages and a wide-ranging general curriculum incorporating fields relevant to health and medical care, which will cultivate a broad and deep general education, richness of spirit, and an ethical perspective.
- 3) First- and second-year foreign language education based on plurilingualism and the languaculture approach
To enable you to become proficient in the foreign language communication skills that you will require as a global citizen, based on the principle of plurilingualism, you will take classes in not only international English, but also one other foreign language, choosing from French, Spanish, and Chinese. These classes will introduce the languaculture approach, which will give you the opportunity to study and gain first-hand experience of intercultural communication. We will measure improvements in your performance using TOEFL and other international standard tests for measuring language skills.
- 4) Introduction to three realms
In the first year, you will take Introduction to International Liberal Arts: Becoming a Global Citizen, in which you will learn about the three realms of

Faculty of International Liberal Arts

Global Society, Intercultural Communication, and Global Health Service and their relationship to each other.

[Formation period]

- 5) Advanced courses in the three realms
In the second year, when the formation period begins, you will take compulsory introductory courses in each realm and also choose a specific realm according to your interests. Advanced courses featuring subjects relating to the three realms form part of the curriculum from the third year.
In the Global Society realm, you will learn about the problems of globalization with a view to creating a sustainable future. Global Health Service realm courses will teach you about issues concerning the body, health, and life in Japan and around the world, while in the Intercultural Communication realm, you will gain a profound understanding of the issues inherent in and represented by communication with different cultures, as well as learning ways of contributing to the construction of multicultural/multilingual societies.
- 6) Specialist foreign language education and overseas study/training
We have put in place a range of English for Specific Purposes courses that enable you to study English independently with a view to your future career path and also offer advanced electives in French, Spanish, and Chinese. Paths to overseas study are available and we have put in place an overseas training program outside the normal curriculum.

[Completion period]

- 7) Cultivation of multifaceted thinking across the three realms
The curriculum is arranged so that you will gain knowledge that will facilitate multifaceted thinking by studying class subjects in the other two realms, in addition to the one realm that you have chosen, so that your education cuts across all three realms.
- 8) Strengthening of specialist abilities through practical subjects
In Practical Learning for Global Citizenship during your third and fourth years, you will conduct research concerning issues related to your chosen realm of study.

- 9) Preparation of a graduation thesis
You will prepare a graduation thesis that incorporates learning from your chosen realm and also, in some cases, from the other realms.

[Two-pronged approach to career development]

- 10) Award of credits for careers education
To encourage students' social and economic independence, we also place a great emphasis on enhanced careers education from the first year, immediately after enrollment, and have included careers education as part of the curriculum, enabling you to earn credits for these classes as regular subjects.
- 11) Teacher training program offering the chance to gain a teacher's license (English language)
If you earn the requisite number of credits by taking the designated courses, you can obtain the teacher's license required to become an English language teacher at junior and senior high schools.

[Learning method]

- 12) Use of active learning to encourage initiative
Using small classes and cooperative learning as learning methods, this faculty practices active learning in which students engage independently.

[Evaluation of academic achievements]

- 13) Comprehensive evaluation of academic achievements
Your academic achievements will be evaluated comprehensively by means both of objective assessment based on performance in the courses that you have taken and subjective assessment in which you periodically evaluate your own performance based on competency clusters. We will use the results of evaluation to improve our education methods.

KATO Yoichi, Faculty Dean
ARAI Hajime, President
OGAWA Hideoki, CEO



Faculty of Health Science



Established April 2019

Department of Physical Therapy

Department of Radiological Technology

Juntendo University has a new faculty

For more than 180 years since its founding in 1838, Juntendo University has consistently contributed to international advances in such fields as medical science, medical care, and health and sports science.

In 2019, we established the only Faculty of Health Science, Department of Physical Therapy, and Department of Radiological Technology in the heart of the metropolis.

Everyone at Juntendo University will work as a team to bring cutting-edge medical care to all people around the world.

We will cultivate new medical professionals for a global age.

That is the new challenge for us at Juntendo.



Cultivating physical therapists and radiological technologists who will lead the world.

Environment × Education × Experience

Characteristics

Point 1 Juntendo University has a new faculty

Point 2 Close ties to affiliated hospitals

Point 3 Fulfilling educational environment equipped with the latest facilities

Point 4 Well-developed education and leadership systems led by highly experienced faculty members

Point 5 Internationalization and cultivation of personnel with a global outlook through partner universities overseas

Point 6 Physical therapy and radiological technology studies linked by sportology



Department of Physical Therapy

Become a physical therapist with your pick of career options.
Develop a richness of spirit and reliable skills
We aim to cultivate world-class medical professionals capable of responding to changing times.



Cultivating excellent physical therapists

Physical therapists who get results are needed in clinical practice today. In this department, you will spend four years learning about diverse cases and treatments, while coming into contact with front-line medical care thanks to our close proximity to Juntendo's affiliated hospital. You will hone your practical skills through abundant experience of active learning.

Learning supported by a top-notch faculty team

Every year group from first to final benefits from small seminars, with meticulous guidance provided to ensure that you learn the mental attitude required of a medical professional. Our team of highly experienced faculty members who are active in the worlds of both clinical practice and research will provide seamless support in your graduation research, preparation for national examinations, and efforts to find a job.

Become a world-class medical professional

The aging of populations is already a global problem. It is now quite common for medical professionals from overseas to visit Juntendo to learn about physical therapy in Japan. Our department offers an abundant array of opportunities to hone your linguistic ability and international outlook, and will cultivate your ability to provide excellent medical care to people around the world.

Department of Radiological Technology

This department nurtures clinical radiological technologists to serve as medical professionals capable of playing an active role in the vanguard of medical care. Radiological technologists play a vital role medical professionals in departments of diagnostic radiology, nuclear medicine, and radiotherapy.



Faculty members are medical professionals

Physicians and radiological technologists with a wealth of clinical experience as professionals painstakingly provide each and every student with guidance to foster medical professionals equipped with the spirit of the university motto, *jūn* (benevolence). (Imparting accurate knowledge and skills.)

Real-life experiences help you to achieve your dream

We are fully equipped with a clinical practice framework closely linked to Juntendo's affiliated hospitals and also have systems for gaining clinical practice at many other institutions, such as non-affiliated general hospitals. You will acquire precise technical skills and hone your ability to make your own dreams come true as a medical professional. (Acquiring solid skills to achieve your goals)

Become a medical professional for the international age

Foreign-language communication skills are required of physicians and medical professionals such as radiological technologists, to ensure that they can assist the growing number of international patients visiting hospitals. We strive to improve language skills through partnerships with overseas universities, as well. We will also develop systems to enable faculty members and students alike to take advantage of this environment and increase their foreign language skills, along with their expertise and other skills. (Cultivating true communication skills)

Juntendo's Progress Reflects the Needs of the Age

Juntendo has a history spanning 181 years. It has consistently striven to support human life and health while meeting the needs of the age, based on the university motto *jīn* (benevolence) and its guiding principle of continuously moving forward. Now, in the 21st century, Juntendo has grown into one of Japan's foremost comprehensive health universities, with a Faculty of Medicine, Faculty of Health and Sports Science, Faculty of Health Care and Nursing, Faculty of Health Science and Nursing, Faculty of International Liberal Arts, and Faculty of Health Science.

Faculty of Health Science

Our educational mission

This faculty requires students with the following qualities in order to cultivate medical professionals (physical therapists and radiological technologists) equipped with a strong ethical perspective and a richness of spirit, who will deliver the safe, reliable, high-quality medical care nurtured by Juntendo's long history and traditions, based on the spirit of the university motto *jīn* (benevolence).

[Whole Faculty]

- (1) People who are sympathetic to the *jīn* spirit, who demonstrate compassion and consideration for others.
- (2) People who are interested in the discipline that they plan to study after enrollment and have the attitude and willingness required to actively learn for themselves.
- (3) People who have a richness of spirit, flexibility, and a cooperative nature, who can work in partnership and harmony with others.
- (4) People with the desire to make a wide-ranging contribution to the fields of health care, medical care, and welfare, both within Japan and overseas.
- (5) People who actively learn widely at high school, etc. and have the basic academic skills required to study after admission.
- (6) People who are equipped with the appropriate attitudes to lifestyle and look after their mental and physical health.

[Department of Physical Therapy]

- (1) People who are attentive, watchful, and considerate, who value relationships with others, and who are capable of thinking about things from the other person's standpoint.
- (2) People who are interested in the mechanisms of human movement and exercise.
- (3) People with a powerful desire to become physical therapists, who can find various ways to achieve their goals and can maintain tenacious effort.
- (4) People who are interested in social developments and have communication skills.

[Department of Radiological Technology]

- (1) People who are caring and considerate of others, and who think about things from the other person's standpoint.
- (2) People who are interested in the life sciences or radiology and have the desire to contribute to society in various fields in the future.
- (3) People who aspire to learn and take on challenges, and are keen to study tenaciously and independently.
- (4) People who are interested in social developments and have communication skills.

DAIDA Hiroyuki, Faculty Dean
ARAI Hajime, President
OGAWA Hideoki, CEO



From a private school of medicine to a medical college, and then to a university

- 1838 • Juntendo Private School of Medicine founded
- 1873 • Juntendo Hospital established
- 1896 • Juntendo Hospital Nursing Training Institute established

Aiming to cultivate physicians with the right spirit and skills, primarily via the school of medicine

- 1943 • Juntendo Medical College established
- 1946 • Becomes Juntendo Medical University after an upgrade in status
- 1951 • Juntendo University established under the new university system; Faculty of Physical Education established
- 1952 • Faculty of Medicine, School of Medicine established
- 1954 • Juntendo Hospital Nursing Training Institute reorganized; Juntendo Practical Nursing Training Academy established
- 1959 • Graduate School of Medicine (doctoral program) established
- 1961 • Juntendo Practical Nursing Training Academy reorganized and renamed the High School of Nursing Affiliated to the Faculty of Medicine
- 1964 • High School of Nursing Affiliated to the Faculty of Medicine reorganized and renamed the Juntendo High School of Nursing
- 1967 • Juntendo Izu Nagaoka Hospital (now known as the Shizuoka Hospital) established
- 1971 • Graduate School of Physical Education (master's program) established
- 1976 • Juntendo High School of Nursing renamed the Juntendo College of Nursing
- 1984 • Juntendo Urayasu Hospital established

Established as a true "comprehensive health university" to meet the need for greater health consciousness, eventually becoming a world-class university and graduate school

- 1988 • 150th anniversary of Juntendo's founding; new Sakura Campus created
- 1989 • Juntendo College of Nursing reorganized to establish the Juntendo Medical College of Nursing (Urayasu)
- Juntendo Koshigaya Hospital established
- 1993 • Faculty of Physical Education reorganized into the Faculty of Health and Sports Science (Sakura)
- 1997 • Graduate School of Physical Education renamed the Graduate School of Health and Sports Science
- 2000 • Graduate School of Health and Sports Science (doctoral program) established
- 2004 • Juntendo Medical College of Nursing reorganized and renamed, forming the four-year Faculty of Health Care and Nursing
- Juntendo Tokyo Koto Geriatric Medical Center established
- 2005 • Juntendo Izu Nagaoka Hospital renamed Juntendo Shizuoka Hospital
- Juntendo Nerima Hospital established
- 2007 • Graduate School of Health Care and Nursing (master's program) established
- 2010 • Faculty of Health Science and Nursing established (Mishima)
- 2013 • 175th anniversary of Juntendo's founding
- Graduate School of Medicine (master's program) established
- 2014 • Graduate School of Health Care and Nursing (doctoral program) established
- 2015 • Faculty of International Liberal Arts established (Hongo/Ochanomizu)
- 2019 • Faculty of Health Science established (Hongo/Ochanomizu)



Juntendo's founder
Sato Taizen

•1838 onward

Juntendo founder Sato Taizen established Wadajuku as a school of Dutch (European) medicine in Edo's Yagenbori district in 1838, after studying Western knowledge in Nagasaki with a view to becoming a physician. He subsequently relocated to Sakura in Shimofusa Province and opened Juntendo, a hospital and private school of medicine. Taking over his father's mission, Taizen's son Sato Takanaka became Juntendo's second director and relocated Juntendo from Sakura to Yushima in Hongo in 1873. It was these two men who laid Juntendo's foundations.

•1943 onward

To further advance its goal of cultivating physicians with the right spirit and skills, Juntendo opened its medical college in 1943. This was renamed Juntendo Medical University three years later. In 1951, as well as taking on its current name, Juntendo University established the Faculty of Physical Education to cultivate health and physical education instructors equipped with medical knowledge. Since then, Juntendo has produced many talented individuals, not only in the world of medical science, but also in the fields of health, physical education, and sport.

•1988 onward

In response to the aging of the population coupled with a declining birthrate and growing public awareness of medicine and health, Juntendo opened a medical college of nursing to cultivate medical nursing professionals capable of meeting the needs of the age. It also reorganized the Faculty of Physical Education to form the Faculty of Health and Sports Science, in order to respond to societal demand and changes in the social environment surrounding sport and the sports industry. Juntendo is striving to nurture personnel who will contribute to the formation of wholesome and cultured lives through scientific research into health and sport, as well as the creative application of this research. In the 21st century, as medical treatment has become more advanced and society has seen longevity increase, high-quality nursing services that play a key role in medical care and health care are required. Accordingly, Juntendo reorganized its medical college of nursing to establish the Faculty of Health Care and Nursing. Today, based on partnerships between the Faculty of Medicine, Faculty of Health and Sports Science, Faculty of Health Science and Nursing, Faculty of International Liberal Arts, and Faculty of Health Science, Juntendo leads the world of education as a true comprehensive health university that cultivates medical professionals, health professionals, and sports educators imbued with the spirit of *jīn*.

GRADUATE SCHOOL

Graduate school research facility designated as a Hi-Tech Research Center by MEXT



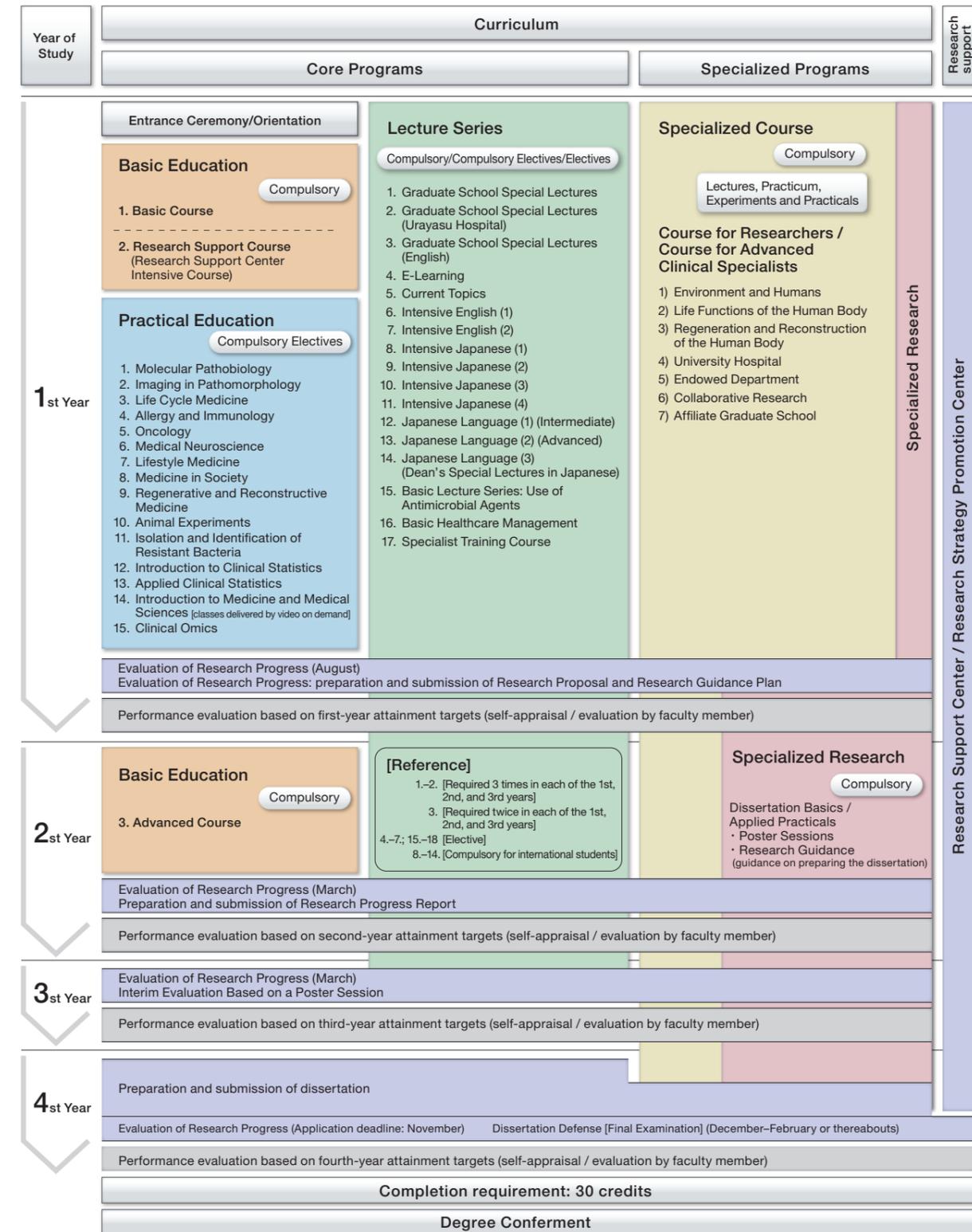
Graduate School of Medicine (Doctoral Program)

Juntendo is a leading Japanese center for cultivating researchers and highly-skilled practitioners capable of working both within Japan and overseas

Juntendo University Graduate School of Medicine positions medicine as a total science focused on humankind, offering a forum for education and research to understand and put into practice ever-advancing medical knowledge and technologies, and to master the ability to update them ourselves. Our goal is to nurture physicians and medical scientists to become not only scientists, but also highly sensitive individuals with a well-rounded education. In other words, it is a center for education and research to nurture leaders and practitioners of medicine and medical care at the international level, who are imbued with the spirit of our motto, *jūn* (benevolence). We have launched an innovative new initiative in the form of a graduate school partnership system, concluding agreements with the National Cancer Center Japan (FY2012), the National Center for Global Health and Medicine and Sagami National Hospital (FY2014), and RIKEN (FY2018). In addition, our efforts to nurture medical professionals specializing in cancer care have been highly acclaimed, with our graduate school being selected by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) for inclusion in its Cancer Professional Training Plan in FY2012. In FY2017, we were selected for inclusion in MEXT's Program for Nurturing Physicians in Basic Research, under which we and our partner institutions (the University of Tokyo and Fukushima Medical University) will forge links through ICT and cyclical exchange

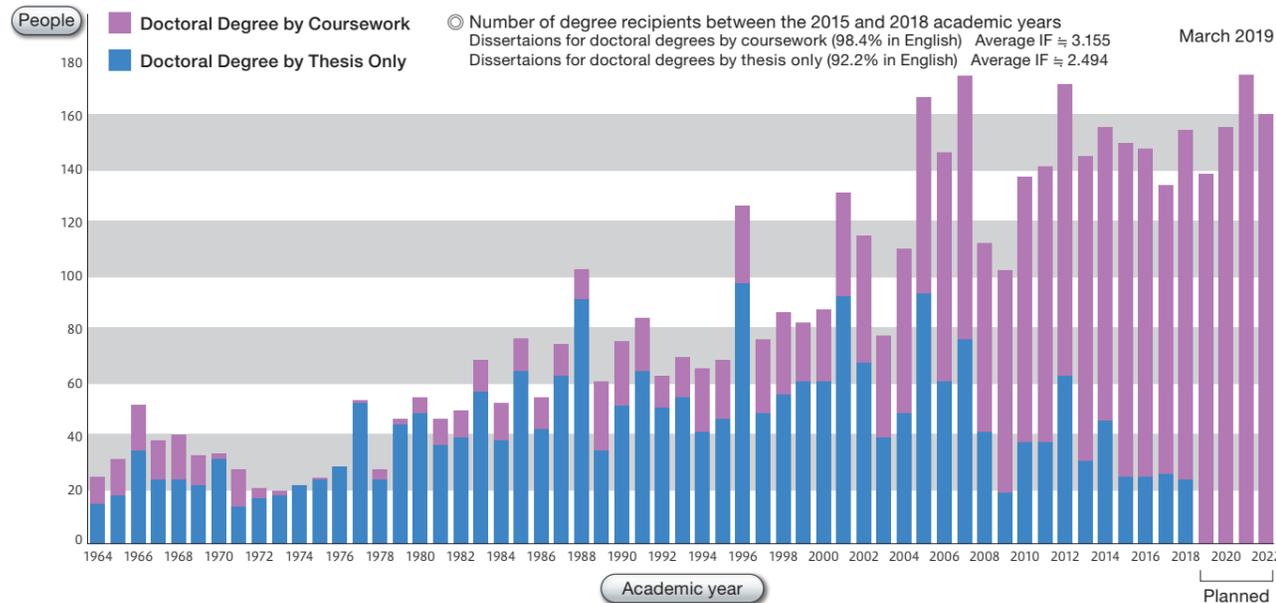
of personnel, aiming to carry out the necessary investigation of causes of death at regional core hospitals, undertake remote pathologic diagnosis, cultivate pathologists with a knowledge of genomic medicine, and deploy pathologists in Japan's provinces. Based on Juntendo's fundamental principles and strong ethical perspective, we have set ourselves the goal of cultivating basic medical scientists and clinical physicians with the willingness to dedicate their lives to medicine, and physician-scientists capable of moving between both realms, thereby ultimately creating people who will provide relief to all those who are suffering, whether physically or mentally. For the doctoral dissertation, those whose main dissertation and sub dissertation have a total impact factor (IF) of at least 6.0 in major international journals will be able to complete the program in three years. We also strive to put in place environmental enhancements. Since the 2012 academic year, lectures have taken place in Century Tower, a lecture building equipped with an ICT environment that links Juntendo's campuses and affiliated hospitals via a dedicated network, enabling students to attend lectures remotely. We offer tuition fee reductions for graduate students deemed to be achieving outstanding results in their education and research activities, etc.

We have substantially expanded the Graduate School of Medicine's doctoral program curriculum via MEXT's Support Program for Improving Graduate School Education.



Trends in the Number of Doctoral Degrees (in Medicine) Awarded by Juntendo University

Doctoral Degree by Coursework: 2,136 degrees Doctoral Degree by Thesis Only: 2,445 degrees (Total: 4,581 degrees)



GRADUATE SCHOOL

Graduate School of Medicine (Master's Program)

Cultivating highly motivated researchers and specialists in the fields of medical science and medical care at the international level, whether or not they hold a license to practice medicine

We established our master's program in the 2013 academic year, enabling students who were not educated at a school of medicine to learn the basics of medicine, the life sciences, and health care science. The curriculum for the master's program in medical science cultivates individuals with a broad, creative outlook, who will continue to be willing to engage with the field of medical science throughout their lives, and who will become highly motivated researchers and specialists in the fields of medical science and medical care at the international level, imbued with the spirit of *jin* (benevolence). In the 2019 academic year, we established a new master's program in public health, for those wishing to study epidemiology, biostatistics, social and behavioral science, public health and health care administration. The objective of the public health course is to cultivate highly skilled professionals with the practical and managerial skills required for clinical research and specialists with the practical capabilities needed in front-line global health settings, including public health measures, health guidance, and international public health activities. The education provided on these courses consists of three subject categories: general education subjects, special education subjects, and a special research subject. We offer daytime and evening courses, so that working members of society can attend lectures and earn credits on weekday evenings after finishing work. In addition, we have individual

educational programs tailored to a variety of backgrounds in each research field. Those who have been educated in a field other than medicine and are already working in the field of medicine or medical care will be nurtured to become medical professionals capable of demonstrating leadership in their field of specialism, and will gain further expertise to become research administrators able to provide advice from a researcher's perspective. Those with no previous experience of studying the basics of medicine and medical care will be given the opportunity to comprehensively study fundamental medical knowledge in the fields of basic medical science and basic clinical medicine, thereby cultivating leaders capable of playing active front-line roles in fields associated with medical care in the future. The special research subject cultivates individuals with interdisciplinary knowledge, who are capable of researching a theme in which they are interested with their research supervisor and making ongoing use of the specialist knowledge gained to advance research in the field of medical science. Those aiming to advance to the doctoral program are expected to join the Juntendo Graduate School of Medicine doctoral program after completing their master's program and, in the future, find employment in the field of medical care as university researchers or technicians, or at government offices, companies, or hospitals.

General Education Subjects

General education subjects provide people who have diverse backgrounds with the basic knowledge required to study the various fields of medicine and public health. For those who already have a basic knowledge of medical science, medical care, and public health, these subjects are designed to refresh that knowledge and enable them to gain the latest knowledge in those fields.

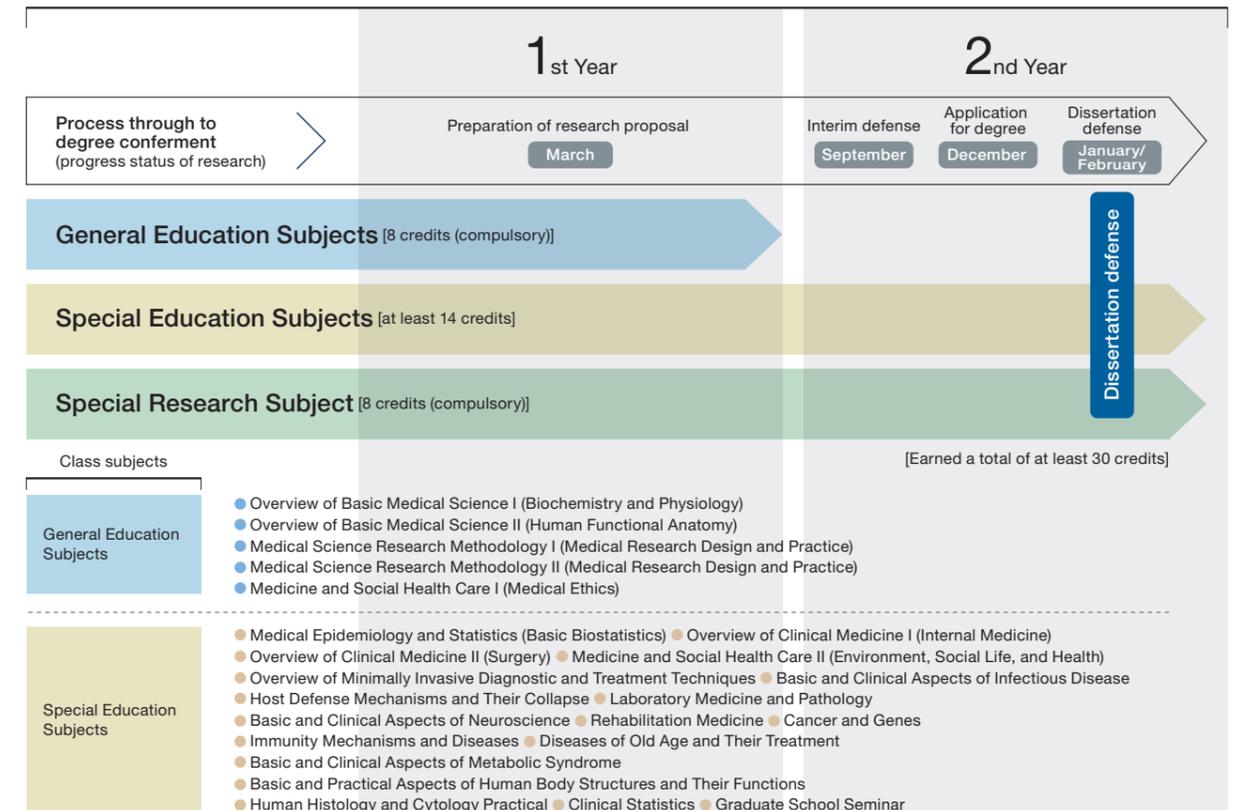
Special Education Subjects

Special education subjects enable you to gain basic and clinical expertise, along with specialist knowledge in the field of public health, through instruction provided by a wide array of researchers. At the same time, these subjects are designed to provide cutting-edge knowledge, while broadening the horizons of your research. Graduate school seminars provide education aimed at cultivating personnel capable of playing an active role in fields such as medicine and medical care, enabling you to gain more specialized knowledge through a large number of lectures on subjects designated as current topics.

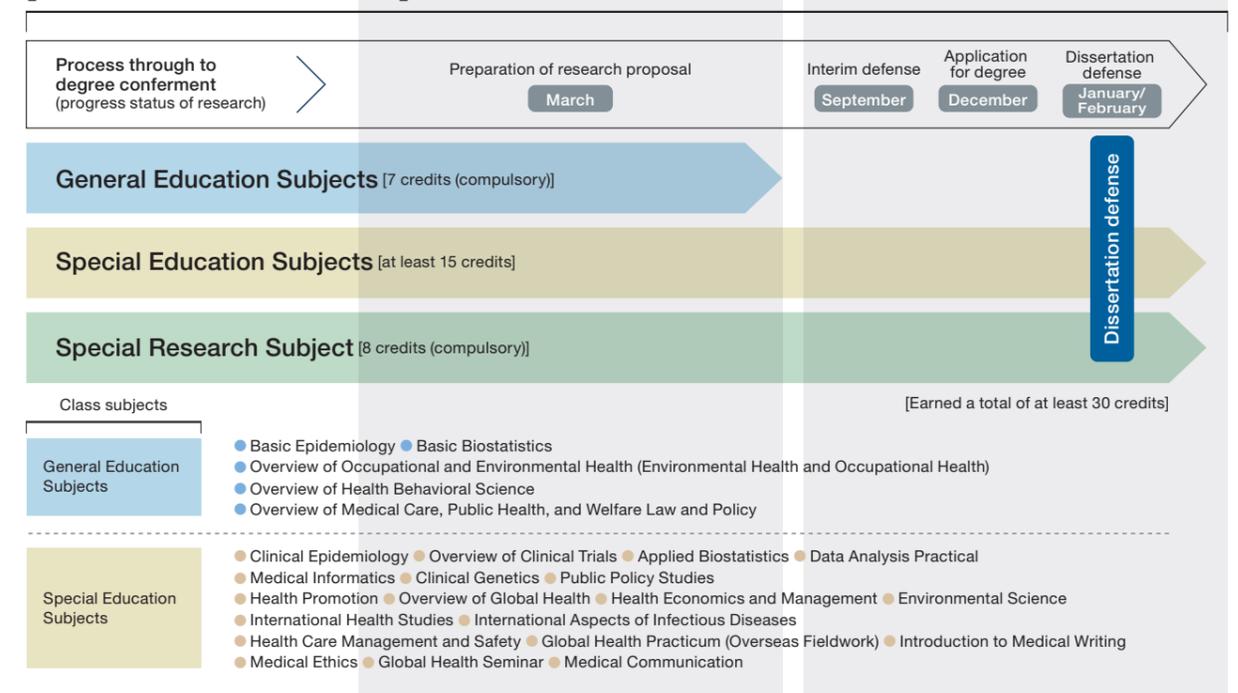
Special Research Subject

In the special research subject component, you will choose a field of interest from a diverse array of education and research fields and receive high-quality research supervision to ensure that you can present your research findings in the form of your master's dissertation. We have put in place a supervision system that will enable you to broaden your research in the field of basic medical science as you prepare your master's dissertation. As such, your research will be supervised by not only your research supervisor in your field of study, but also several other faculty members.

[Medical Science Course]



[Public Health Course]



GRADUATE SCHOOL

Graduate School of Health and Sports Science

Exploring health promotion and the scientific basis and social scientific value of sport

Juntendo University opened its Graduate School of Physical Education in 1971, creating Japan's first graduate school of physical education at a private university. When the Faculty of Physical Education was subsequently reorganized into the Faculty of Health and Sports Science, the graduate school was renamed the Graduate School of Health and Sports Science. In 2000, we received approval to establish a doctoral program. The graduate school today consists of a master's program with a maximum enrollment of 61 and a doctoral program with a maximum enrollment of 10.

In 2006, we began offering master's program lectures in the evening at our Hongo-Ochanomizu Campus in Tokyo, with the aim of providing recurrent education for working members of society. Working in partnership with the Graduate School of Medicine and the Graduate School of Health Care and Nursing, we cultivate experts in health and sports science who take advantage of our distinctive features as a graduate school at a comprehensive health university.

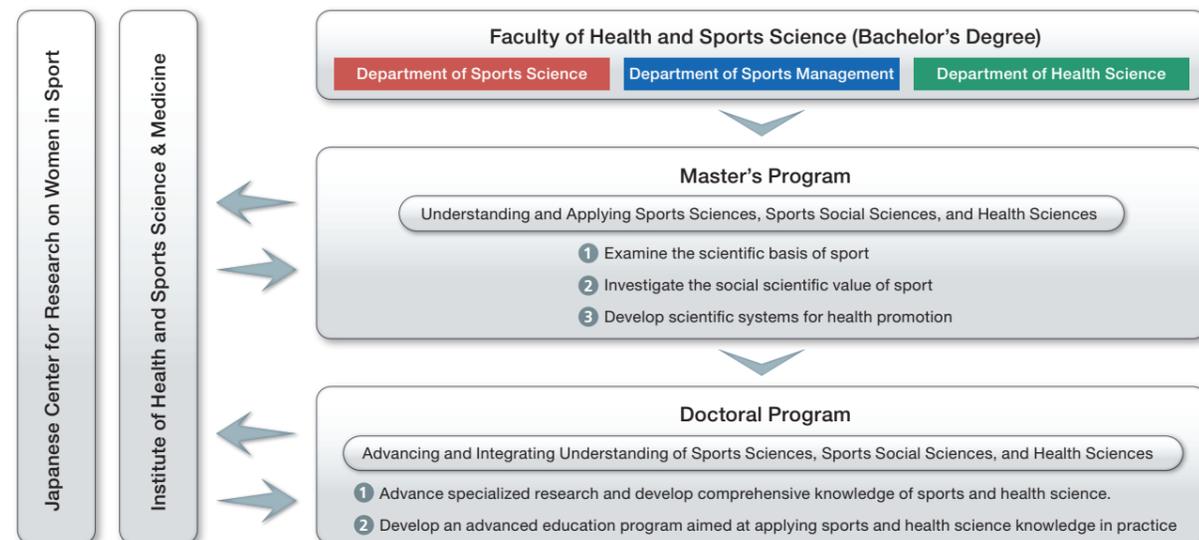
Based on Juntendo's motto *jin* (benevolence) and its guiding principle of continuously moving forward, we as a graduate school conduct medical scientific research on sport and health science, and prepare graduate students to be creative and practical thinkers who can contribute fully to the formation of wholesome and cultured lives among the public. The three key pillars are research fields corresponding to the three departments of the Faculty of Health and Sports Science: sports science, sports social science, and health science.

The realm of sports science makes use of existing physical education research findings and methodologies in examining the attributes of all sports, from competition at the international level to sports for health and sports that can be readily participated in and enjoyed by ordinary people, while also exploring the scientific principles that form the basis of sports coaching.

Grounded in sociology and management studies, the realm of sports social science focuses on social phenomena that have a major influence on sport and society, such as the sports business and sports media, exploring the cultural and economic effects of sport and gaining an understanding of its essential social scientific value. In doing so, research findings from communication theory and organizational development theory, among others, are employed, along with the research technique of social research, which is commonly used in social science. The realm of health science seeks to advance health promotion and establish systematic methodologies, with the intention of shaping comfortable environments and forming healthy lifestyles throughout people's lives, focusing on lifestyle phenomena associated with autonomous efforts to maintain and improve health by people of all ages and standards of health, including healthy individuals and people with disabilities.

The objective of the master's program is to cultivate personnel well-versed in the practical and theoretical grounding that will enable them to systematically apply the outcomes of learning and research concerning the scientific basis of sport, its social scientific value, and health promotion to the maintenance and improvement of human health and physical strength, and the social development of sport.

The purpose of the doctoral program is to undertake research and education that contributes to the acquisition and creation of knowledge concerning the science of sport and health, with the goal of cultivating more advanced experts and coaches capable of conducting creative advanced research independently and, rather than simply focusing on specialization, applying the results to the advancement of health and sports science in order to develop more sophisticated educational programs.



Graduate School of Health Care and Nursing

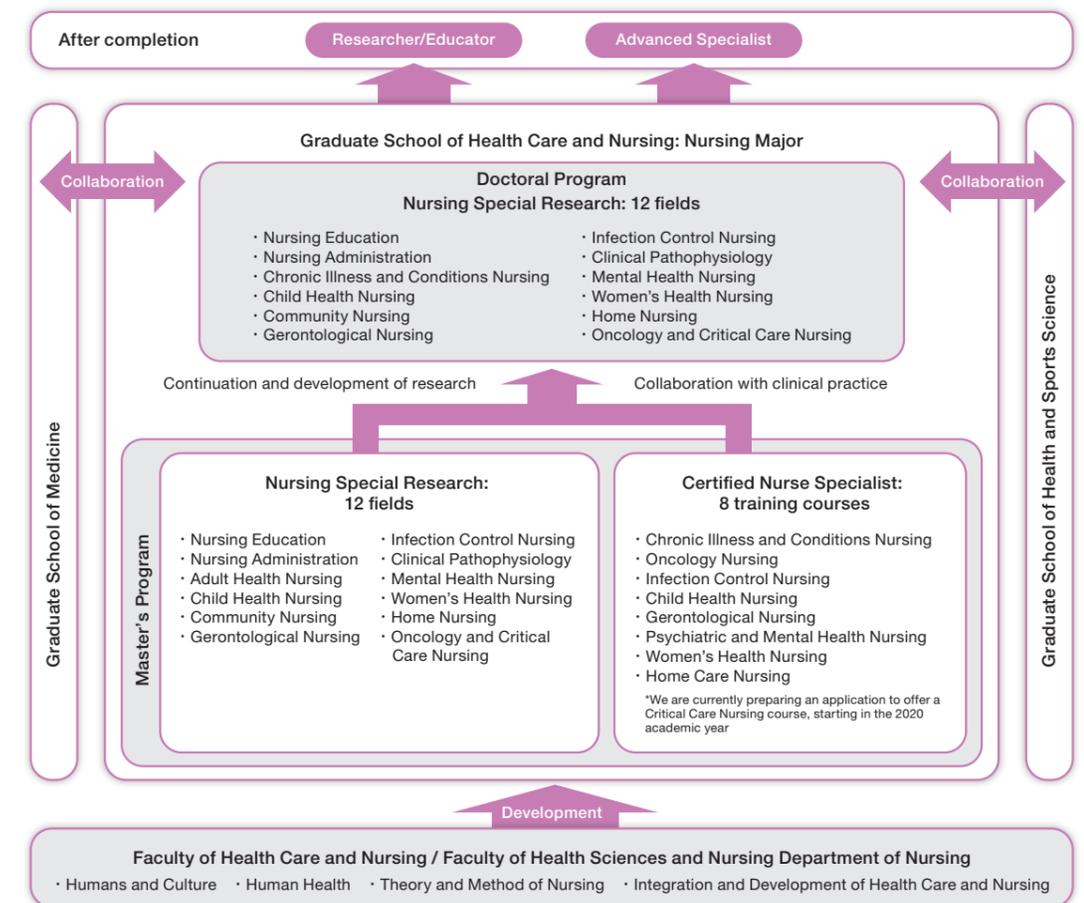
Fostering nurses with advanced practical nursing skills and education and research capabilities, who can contribute to the health of people both at home and abroad

Constant, ongoing learning of new knowledge and theories is required in order to support people with health problems and provide high-quality nursing care to those with illnesses. It is also important to develop practical nursing skills to respond innovatively and creatively to changes in the health, medical care and welfare environments by making effective use of research results, and to contribute to the health of people both at home and abroad.

In the ever-changing fields of health, medical care and welfare, demonstrating advanced practical nursing ability based on scientific evidence is a must. As a practical science that contributes to people's desire to be healthy, nursing science also needs to create and develop new theories and methodologies. In addition, since nursing is a profession based on interpersonal relationships, it is vital for nursing professionals to cultivate ample knowledge and a sense of humanity throughout their lifetime in order to learn and grow together with those to whom they provide health care.

To respond to people's needs for health care and the academic advancement of nursing, based on the spirit of the university motto *jin* (benevolence), Juntendo University Graduate School of Health Care and Nursing aims to foster both nursing professionals with advanced practical abilities and educators and researchers exploring approaches to nursing methods, thereby contributing to the health of people at home and abroad.

In partnership with the Graduate School of Medicine and the Graduate School of Health and Sports Science, we are providing education that enables students to explore nursing from an interdisciplinary perspective by making full use of Juntendo's strengths as a comprehensive health university. We also support nursing professionals by offering both daytime and night time courses for working people and accepting students who take only specific courses at this school, so that they can continue to develop their careers.



CLINICAL PRACTICE

We have transformed the system of postgraduate clinical training and specialist training at Juntendo Hospital. Juntendo supports young physicians in achieving their dreams and shaping their medical careers, so that they can become the physicians that they aspire to be, by such means as obtaining a doctorate in medicine after completing their postgraduate clinical training, becoming a certified physician or specialist, and studying at other institutions within Japan or overseas.

		1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year	10th year
A-1 Combined Postgraduate Clinical and Graduate School Course	Pass National Examination for Medical Practitioners	Postgraduate Clinical Training (Resident)	Graduate School of Medicine	of Medicine		Postdoc / Assistant Professor					Eligible for salary and allowances
A-2 Combined Postgraduate Clinical and Graduate School Course	Pass National Examination for Medical Practitioners	Postgraduate Clinical Training (Resident)		Graduate School of Medicine		Postdoc / Assistant Professor					
B Consecutive Postgraduate Clinical and Graduate School Course	Pass National Examination for Medical Practitioners	Postgraduate Clinical Training (Resident) <small>(Includes all those who did not complete their undergraduate degree or postgraduate clinical training at Juntendo)</small>		Graduate School of Medicine		Postdoc / Assistant Professor					
C Special Course for Senior Residents	Pass National Examination for Medical Practitioners	Postgraduate Clinical Training (Resident) <small>(Includes all those who did not complete their undergraduate degree or postgraduate clinical training at Juntendo)</small>		Senior Resident		Graduate School of Medicine					Postdoc / Assistant Professor
D-1 ECFMG Special Course (1)	Pass National Examination for Medical Practitioners	Postgraduate Clinical Training (Resident) <small>(Includes all those who did not complete their undergraduate degree or postgraduate clinical training at Juntendo)</small>		Graduate School of Medicine Juntendo International Institute for School of Medicine (USMLE Course)			Postdoc / Assistant Professor				
				USMLE STEP 1 Test taken in Japan	USMLE STEP 2 (CK)* Test taken in Japan	Study abroad (6 months or less) USMLE STEP 2 (CS)** Test taken in the USA	Study abroad Pass USMLE STEP 3 3 months at most				
D-2 ECFMG Special Course (2)	Pass National Examination for Medical Practitioners	Postgraduate Clinical Training (Resident)		Juntendo International Institute for School of Medicine (USMLE Course)			Postdoc / Assistant Professor				
				USMLE STEP 1 Test taken in Japan		Graduate School of Medicine		USMLE STEP 2 (CK) Test taken in Japan	Study abroad (6 months or less) USMLE STEP 2 (CS) Test taken in the USA	Study abroad Pass USMLE STEP 3 3 months at most	

*CK (Clinical Knowledge): Examination testing knowledge of clinical medicine
**CS (Clinical Skills): Examination testing clinical skills in respect of mock patients (Philadelphia, Chicago, Atlanta, Houston, Los Angeles)

Graduate School of Medicine (Doctoral Program)

Apart from the period that coincides with postgraduate clinical training, you will receive salary and allowances for up to four years.

- Graduate students who have a license to practice medicine and are involved in providing medical care at Juntendo's affiliated hospitals will be paid a salary (in accordance with the university's provisions, with additional day duty/night duty allowances).
- Paid training available: You will be introduced to an external institution where you will work either once (one day) or twice (two half-days) a week, in principle.
- There is a scholarship system for those who enroll in the graduate school after graduating from the Faculty of Medicine at Juntendo and those who do so after completing their postgraduate clinical training at Juntendo's affiliated hospitals.
- Graduate students will, in principle, provide medical care and undertake clinical research at a group of hospitals affiliated to Juntendo (Group I).
- Graduate students may be enrolled at or seconded to Juntendo's own research institutions or external institutions as required, in order to undertake basic or clinical research.

Senior Residents

Progression to graduate school is a requirement.

- Regular monthly salary: Paid in accordance with the university's provisions. No bonus.
- Social insurance, etc.
 - Enrolled in the Private School Mutual Aid System run by the Promotion and Mutual Aid Corporation for Private Schools of Japan
 - Covered by employment insurance and industrial accident compensation insurance
- You may undertake paid training, in which case you will be introduced to an external institution (a primary care provider or hospital with which we have a collaborative relationship), where you will work either once (one day) or twice (two half-days) a week.
- Senior residents will, in principle, provide medical care at a group of hospitals affiliated to Juntendo (Group I).

Postgraduate Clinical Training

—Designing your lifelong career as a physician while gaining basic medical care skills—

Why train at Juntendo?

- A rich, diverse array of clinical cases
- An excellent teaching staff from the perspectives of both clinical practice (basic clinical examination skills and specialist expertise) and research (enthusiastic guidance)
- Guidance tailored to future career paths that meet individual needs (an education system enabling you to master your field of specialism and related disciplines alike)
- Flexible training program focused on career paths
- Smooth progression to higher grades tailored to individual needs after completing postgraduate clinical training
*Enrollment in graduate school in the second year of postgraduate clinical training is permitted. (Trainees may be enrolled both as second-year clinical residents and as first-year graduate students.)
- No discrimination based on your school of origin (no academic cliques)
- Training available at six hospitals affiliated to the Faculty of Medicine (more than 3,400 beds)
- Wide-ranging learning opportunities, including workshops and seminars
- Tutor system (tutoring provided by supervising physicians from the Clinical Training Center and the department you wish to join)
- Pediatric and OB/GYN programs available

Content of training

- We provide guidance toward your future career path while you acquire basic medical care skills.
- You can master highly specialized clinical care skills, including disciplines relevant to your preferred future specialism.
- We provide a flexible response, whether you have already decided on your future career path, have narrowed it down to some extent, or are still unsure of your future direction.
- Our pediatric and OB/GYN programs are distinctive and designed with consideration for training in relevant disciplines.

Specialist Training

Why train at Juntendo?

- An abundant array of clinical cases
- An excellent teaching staff (specialist physicians, supervising physicians, accredited facilities)
- No discrimination based on your school of origin (no academic cliques)
- A secure livelihood
- Training rotations available at six hospitals affiliated to the Faculty of Medicine
- Appealing graduate school (can add on a period of training to become a specialist physician)
- Recommendations available for study at other institutions in Japan or overseas



1 Graduate School Courses

- While the graduate school program lasts four years, you can earn a doctoral degree by coursework in medicine in three years if you write an excellent dissertation.
- Individuals who are studying or working at another university, hospital, research institute or company may, if deemed to have the requisite competence to undertake clinical research (including basic research) as a researcher and educator (in principle, someone who has completed a master's degree or is recognized as having equivalent ability), enroll in the doctoral program as a non-traditional student, completing their university commitments at night and on days off, while continuing in employment.

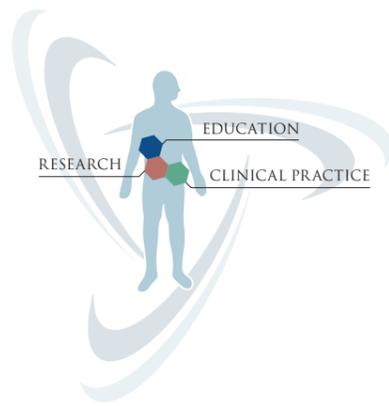
2 Special Course for Senior Residents

- This course is designed for those who, after completing their postgraduate clinical training, wish to complete a period as a senior resident before going on to graduate school.
- The senior residency lasts three years, in principle (one- and two-year senior residencies are also available).
- Progression to graduate school is a requirement.
- Senior residents gain a wealth of case experience through rotations completed primarily at Juntendo's affiliated hospitals.

3 Specialist Physician/Research Student Course

- Those enrolled on the Specialist Physician/Research Student Course are affiliated to a clinical department and undergo clinical training with the assistance of the many patients (cases) who seek treatment at Juntendo and our outstanding staff of clinical educators, with the aim of becoming a specialist physician within the shortest time possible.
- While qualifying as a specialist physician is prioritized, students on this course may also receive guidance with a view to earning a doctorate in medicine by thesis only.

Juntendo's Three Pillars



Education

Aiming to be a presence that continues to earn the support of society, based on the *jin* spirit

Juntendo: An educational philosophy to be proud of

Juntendo is Japan's most historic medical educational institution, which began providing education in Western medical science in the 1830s, when Tokyo was still known as Edo. Since Juntendo's founder Sato Taizen opened Wadajuku as a school of Dutch (European) medicine in Edo's Yagenbori district in 1838, we have consistently striven to nurture leaders in the fields of medical science and medical care, aiming to cultivate physicians with the right spirit and skills, based on our motto *jin* (benevolence). This spirit has been carried forward unchanged through to the present day in the 21st century, which has been described as "the century of life."

Rapid advances and progress in medicine and the life sciences have been accompanied by a substantial upsurge in interest in medical care and health among the public. As well as striving to teach the latest medical knowledge and techniques, Juntendo aims to cultivate physicians equipped not only with advanced medical knowledge and skills, but also a mind capable of understanding the patient's suffering, as well as abundant sensitivity and a richness of spirit. We also seek to establish an approach to medical care that embodies these qualities. It would be fair to say that this is an educational philosophy of which Juntendo should be proud.

This philosophy forms the basis of Juntendo's unique approach to education, which has three key features: education that allows space for the process of personal

growth, education that draws out each student's individuality, and education that evokes the desire for self-study. Today, Juntendo University is composed of six faculties: the Faculty of Medicine, the Faculty of Health and Sports Science, the Faculty of Health Care and Nursing, the Faculty of Health Science and Nursing, the Faculty of International Liberal Arts, and the Faculty of Health Science. The spirit of Juntendo's school motto *jin* lives and breathes in the education provided by each faculty, forming a consistent underlying principle.

Education in small classes achieves positive results

For students of the Faculty of Medicine and Faculty of Health and Sports Science, their first-year life in the university dormitory is a key arena for personal growth. Students experience communal living at the Keishin Student Dormitory at our Sakura Campus in Chiba Prefecture. This is a Juntendo tradition that has remained unchanged since the university's founding and provides a venue for social training in behaving as one chooses, but without being a nuisance to others. As well as offering the opportunity to make lifelong friends, dormitory life undoubtedly fosters warm-heartedness, consideration for others, and a cooperative spirit, helping to nurture individuals who will be future leaders in the fields of medical care, health, and sport.

The key feature of education at Juntendo is an approach that seeks to encourage active learning by students, through education that draws out each student's individuality and kindles the desire for self-study. To ensure that the flow of knowledge in classes and practicals is not a one-way street

Focus

Dormitory life provides students with a place for personal growth

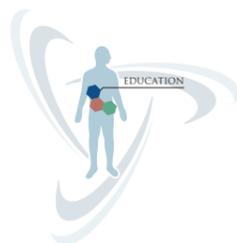
While some students feel anxious or hesitant about the prospect of communal living before moving into university dormitories, their anxieties and nervousness vanish in the blink of an eye once they attend the reception organized by the second-year dormitory monitor to welcome them and meet their roommates for the first time.

At the end of the year, most students look back on their experiences fondly: "The year went by in a flash; it was like a training camp for a school sports team"; "We had fun living together, like a family"; and "I've made lifelong friends." Of course, respect for the rules and consideration for others are vital in communal living. Dormitory life provides students with the opportunity to establish themselves as an individual within the group and to achieve substantial personal growth, as reflected in such feedback as "It was an ideal opportunity to take a look at myself" and "I learned about the importance of personal relationships."



from teacher to students, we have given consideration to finding ways to ensure that students naturally develop a sense of initiative and motivation to learn by introducing small classes and study groups.

For example, at our affiliated hospitals, the Faculty of Medicine provides finely tuned guidance to students in groups of 3-4, enabling them to learn how to take a medical history in a way that ensures they gain an accurate understanding of the patient's symptoms, as well as mastering the attitudes and skills required for examining patients. In addition, the Faculty of Health Care and Nursing and the Faculty of Health Science and Nursing both educate students in small classes, providing meticulous instruction that enhances students' ability to assess situations accurately and solve problems in practical nursing settings.



Addressing social needs with sincerity

While maintaining its motto and educational philosophy unchanged since its founding, Juntendo has always quickly and unerringly picked up on the trends and needs of the times and pressed forward with reforms to meet those changes.

"To cultivate health and physical education instructors with a wealth of medical knowledge by providing holistic education delivered in small classes, while scientifically investigating physical education, sport, and health, and exploring pathways for maintaining and improving health and physical strength." This was the educational goal of what was known as the Faculty of Physical Education at the time of its founding in the 1951 academic year. Over time, it came to play a leading role as a pioneer of university education in the field of health and physical education in Japan.

Juntendo was quick to identify the changing social needs and environment surrounding sport, including the quantitative expansion and qualitative change in opportunities to do sport, the growth of the sports industry, and the escalating aging of the population coupled with a declining birthrate. As such, we undertook a progressive reorganization of the Faculty of Physical Education to create the Faculty of Health and Sports Science in the 1993 academic year, with the objective of exploring the maintenance of mental and physical health and a well-balanced, healthy lifestyle from the perspectives of both medicine and health and sports science.

Juntendo first began cultivating nursing professionals in 1896. In the 2004 academic year, we reorganized the Juntendo Medical College of Nursing into the four-year Faculty of Health Care and Nursing, to meet growing needs for clinical nursing and long-term nursing care. In the 2010 academic year, we established the Faculty of Health Science and Nursing. Juntendo boasts a 123-year tradition of nursing education, seeking to "cultivate Japan's kindest nurses, outstanding in terms of both their skills and caring attitude"



down through the generations. Based on the principle of holistic education, we strive to foster personnel capable of delivering high-quality nursing services.

In the 2012 academic year, we were selected for inclusion in MEXT's Fostering Global Physicians—Reform of Medical Education by Balancing Basic Research and Clinical Practice program. As the cultivation of researchers in the field of basic medical science for the next generation is a pressing issue at the national level, Juntendo will nurture researchers with a cosmopolitan outlook and personnel equipped with the management capabilities required to bring research findings into the clinical arena.

Producing talented individuals in a range of fields

Juntendo has grown to become one of Japan's foremost comprehensive health universities and graduate schools. It would be fair to say that Juntendo's biggest strength is the fact that its faculties work together to promote people-to-people interaction and the exchange of information, as well as striving constantly to provide feedback from clinical practice.

Along with its unwavering educational philosophy since the time of its establishment, Juntendo's curriculum and teaching methods based on foresight and the desire to stay ahead of the times have enabled the university to achieve great things. For example, Juntendo University Faculty of Medicine has achieved an outstanding pass rate in the National Examination for Medical Practitioners, placing second out of 80 medical schools (average for the last 10 and 20 years) nationwide, including national, public, and private universities. In addition, Juntendo has produced many talented leaders and practitioners in the fields of health care and sport.

We also plan to step up our efforts to cultivate personnel with a truly global outlook, who can play an active role in the international community.

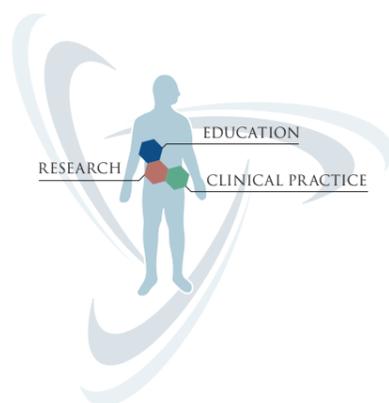


Focus

Diverse initiatives to improve students' motivation to learn

Juntendo is striving to further enhance the education that it provides, attaching great importance to not only specialized subjects, but also liberal arts classes. For example, in the realm of language education, we actively provide educational support with a view to internationalization, seeking to increase students' motivation to learn by introducing a system under which encouragement awards are given to those who have achieved particularly outstanding results in examinations such as TOEFL and IELTS. Other systems that we have introduced include a tuition fee waiver system under which students who achieve particularly outstanding marks in their entrance examination receive a partial or full waiver of their tuition fees, a diverse array of scholarship programs available to students while enrolled at the university, and fee reductions for excellent students who achieve outstanding marks in their classes here.

Juntendo's Three Pillars



Research

Taking research to the next level with a cross-cutting central collaborative research system

Adoption of a unique centralized organization

Juntendo has countless outstanding achievements to its name in the realm of research. Our biggest strength in this area is the way in which our research system is structured. Whereas most medical universities employ a research system focused on academic chairs, Juntendo was an early adopter of a cross-cutting central collaborative research system, switching away from a chair-centered research system between the late 1960s and early 1970s. In an attempt to take the university's research to the next level, Juntendo introduced a unique centralized organization, so that the facilities, equipment, and instruments required for research would be owned and managed not by a single lectureship, but by the university as a whole. Each facility

has full-time staff members who provide assistance to increase the efficiency and accuracy of research.

Due to advances in molecular biology, recent years have seen a growing need to incorporate into medical research findings and technologies that transcend the boundaries of the field and include elements from physics, pharmacology, and engineering, among others. With a pioneering spirit, the centralized organization promotes these efforts efficiently and effectively, providing reliable backup.

Having not only abolished the chair-centered system, but also demolished the barrier between basic and clinical medicine, Juntendo University has created an outstanding research system through which it responded flexibly to the changes triggered by the era of campus strife and by means of which it now promotes research that leads the field of

medicine not only within Japan, but also across the globe. Along with the high standard of research conducted here, another of Juntendo's great strengths is the fact that we were quick to put in place an open research environment that values people's personalities and enables graduate students to gain doctoral degrees (in medicine) and master's degrees (in medical science), no matter what their nationality or which university or faculty they graduated from.

An excellent reputation both in Japan and overseas

Based on its ethos as a comprehensive health university and graduate school, Juntendo promotes collaborative research involving the Graduate School of Medicine, Graduate School of Health and Sports Science, and Graduate School of Health Care and Nursing as "President's projects." In addition, the university actively encourages exchange with other countries in Europe, North America, and Asia, among others, and had concluded international agreements with 61 academic institutions as of April 2019.

Juntendo has garnered an excellent reputation for the high standard of its research activities, not only within the world of medicine, but also in a variety of other fields. As a result, we have organically achieved a multidisciplinary mix of researchers from within Japan and overseas, and receive a great deal of funding from national, public, and private sector sources.

In the 1998 academic year, we established the Atopy Research Center under the directorship of Ogawa Hideoki (the center's first director), after our Molecular Medical Research Project on the Etiology, Pathology, and Treatment of Atopy was funded by the then-Ministry of Education, Science, Sports and Culture under its Academic Frontier Project for Private Universities. The center is equipped with a molecular biology laboratory that mainly conducts genetic analysis, along with a germ-free animal facility and a specific pathogen-free (SPF) facility, all of which are used by academics from within Japan and overseas as our nation's core center for research into treatments for atopy. Juntendo is using the center as a base for promoting both basic and clinical research into conquering atopy.

In the 2000 academic year, we established our Research Institute for Diseases of Old Age under the directorship of Mizuno Yoshikuni (the institute's first director), with funding from MEXT's Hi-tech Research Center Project for Private Universities.

The same MEXT project funded the establishment in the 2002 academic year of the Institute for Environmental and Gender-Specific Medicine under the directorship of Ogawa Hideoki (the institute's first director) as a facility attached to Juntendo University's Urayasu Hospital. This institute is taking on the challenge of conducting research in the new field of environmental medicine, including environmental factors in gender-specific medicine. In the 2003 academic



Focus

Promoting research into conquering atopy

In the arena of research, Juntendo attracts particular attention for the work of the Atopy Research Center, which was established in the 1998 academic year. Expressing a strong determination regarding the center's mission, Juntendo CEO Ogawa Hideoki, who was the first director of the university's Atopy Research Center, says, "Given that about one-third of the Japanese people today suffer from atopy, I think it would be fair to describe it as a lifestyle-related disease. Every member of the center's staff will consistently strive to ensure that it becomes a facility capable of attracting the finest minds from within Japan and overseas to research the environmental factors behind atopy and the links to immunity and genetic control mechanisms that lead to the onset of atopic diseases, as well as disseminating worldwide information that will lay the foundations for their prevention and treatment."

Research

year, the Center of Excellence for Infection Control Science, headed by Hiramatsu Keiichi, was selected for inclusion as part of MEXT's 21st Century Center of Excellence Program (COE) and, as an institution cultivating researchers, we received approval to establish a doctoral program in infection control science. Also that year, we were selected to participate in MEXT's Project to Achieve Medicine According to Personal Genetic Information.

In the 2005 academic year, we were granted approval to establish the Institute of Health and Sports Science & Medicine under the directorship of Ogawa Hideoki (first director) within the Graduate School of Health and Sports Science, with funding from MEXT's Hi-tech Research Center Project for Private Universities. The primary focus of the institute's research is a project entitled "Mental and Physical Adjustments Toward Exercising: Developing the Objective Markers to Create a Tailor-Made Training Program." In the 2007 academic year, that same MEXT project funded the establishment of our Sportology Center and we were also selected for inclusion in the Cancer Professional Training Plan and the Support Program for Improving Graduate School Education, an achievement that had been regarded as virtually impossible for a private university. The Ministry of Health, Labour and Welfare has selected Juntendo Hospital in Tokyo, Shizuoka Hospital in Shizuoka Prefecture, and Urayasu Hospital in Chiba Prefecture as designated cancer care hospitals.

In the 2011 academic year, the Institute of Health and Sports Science & Medicine's project entitled "Formation of a Center for Sports Medicine to Promote Child Health" received funding under MEXT's Support Program for the Strategic Research Foundation at Private Universities. The institute's project primarily focuses on research into improving health among children through sport and exercise.

In the 2012 academic year, we concluded an MOU on promoting comprehensive collaboration and cooperation with RIKEN and a comprehensive MOU on academic-industrial collaboration with Hitachi, Ltd., to promote partnerships that make effective use of research and development capabilities and talent. The aim of these agreements is to promote world-leading science and technology and nurture associated talent. Having been selected for participation in the Promotion Plan for the Platform of Human Resource Development for Cancer, which



is a continuation of the Cancer Professional Training Plan, Juntendo is now building the Leading Center for the Development and Research of Cancer Medicine to cultivate cancer treatment specialists.

In recent years, our efforts to further enhance the environment for female researchers and female athletes have been recognized. We were selected for inclusion in MEXT's Program to Support Research Activities of Female Researchers and were able to establish the Japanese Center for Research on Women in Sport under the directorship of Ogasawara Etsuko in the 2014 academic year, thanks to funding provided through MEXT's Support Program for the Strategic Research Foundation at Private Universities. This center aims to implement measures to support female athletes from the perspective of research.

In the 2015 academic year, we established the Shizuoka Medical Research Center for Disaster under the directorship of Sato Koichi, with funding from MEXT's Support Program for the Strategic Research Foundation at Private Universities. This center is an integrated research hub aimed at building a comprehensive system for providing medical care in case of a major disaster. In the 2016 academic year, we established the Intractable Disease Research Center under the directorship of Arai Hajime, to serve as a center for both basic and clinical research into intractable diseases, with a particular emphasis on unraveling their etiology and pathology, and developing therapies for them.

In addition, two of Juntendo's faculty members had projects chosen (2010) to receive grants under the Funding Program for World-Leading Innovative R&D on Science and Technology, while the university itself was ranked fourth out of all private universities (2018) in terms of the value of MEXT KAKENHI (Grants-in-Aid for Scientific Research) received. It would be fair to describe this as proof of the high level of expectation focused on the research conducted by Juntendo.

In October 2000, ISI-Thomson Scientific—a leading U.S. private sector organization compiling databases of academic information—honored 30 Japanese researchers with the ISI Citation Laureate Award, which was conferred on those who have published world-class papers. Among them was a Juntendo faculty member. Juntendo University placed in the top 30 universities and colleges in Japan for the total number of cited research papers as measured by (Japanese) citation indexes between 2011 and 2015. The UK's Times Higher Education magazine rated Juntendo 75th in its 2015 ranking of the top 100 universities in Asia (in which only three Japanese private universities were included), demonstrating that Juntendo has an excellent reputation outside Japan as well.

Another of Juntendo's strengths is widely publicizing its research output in forms that are easy to understand. The Journal of Juntendo Medical Research, which was founded in 1875, is still published today as a journal raising awareness of general medical science in Japan and is generally well regarded.

Research aimed at achieving Quality of Life

Turning to the field of sport, while the focus has long been on competitive sport in which people try to break records and strive to achieve victory through improvements in physical strength and technical proficiency, the environment surrounding sport has now changed significantly. The many sporting events and tournaments that now take place mean that sport is not merely an economic activity, but rather is growing into a culture that enriches people's lives. The need for lifelong sport and health promotion is increasing as a result of the rapidly escalating aging of the population coupled with a declining birthrate. The term "Quality of Life" (QOL) is commonly used these days. At Juntendo, we are pursuing research that goes beyond the conventional category of physical education, engaging in collaboration with the field of medicine to achieve QOL through sport and health promotion.

In the 2015 academic year, we were selected for inclusion in MEXT's Center of Innovation Science and Technology-based Radical Innovation and Entrepreneurship Program (COI STREAM) as a satellite research location (Innovation in Health and Medical Care to Prevent and Improve Locomotive Syndrome). In the 2017 academic year, our project entitled "Health Creation through Sports Science: A Branding Project for Global Expansion Based on Metabolic Scientific Research" was chosen to receive funding under the Branding Program for Private Universities. Thus, Juntendo University's efforts to improve QOL through the twin approaches of sport and medicine have won high acclaim. Juntendo's motto *jin* (benevolence) means "I exist as you exist, with a heart that considers and cherishes others." Cultivating medical professionals, health professionals, and sport educators willing and able to put themselves in the place of people who are unwell is at the very heart of Juntendo's ethos. While carefully fostering the spirit of *jin*, which we position as the starting point for this, and striving to nurture the students and young researchers who will lead the next generation, Juntendo is devoting its energies to research that supports 21st-century medical care, health care, and health itself.

Universities with which Juntendo has concluded international agreements

- | | | |
|----------------------------|-------------------------------------|---------------------------------|
| 1 UK (2 universities) | 9 Russian Federation (1 university) | 17 Taiwan (3 universities) |
| 2 Belgium (1 university) | 10 Turkey (1 university) | 18 Singapore (1 university) |
| 3 Germany (2 universities) | 11 Bahrain (1 university) | 19 South Korea (4 universities) |
| 4 France (2 universities) | 12 Thailand (7 universities) | 20 USA (6 universities) |
| 5 Spain (2 universities) | 13 China (14 universities) | 21 Brazil (1 university) |
| 6 Hungary (1 university) | 14 Malaysia (1 university) | 22 Australia (1 university) |
| 7 Poland (1 university) | 15 Indonesia (4 universities) | 23 Iran (1 university) |
| 8 Finland (1 university) | 16 Vietnam (2 universities) | 24 New Zealand (1 university) |



Focus

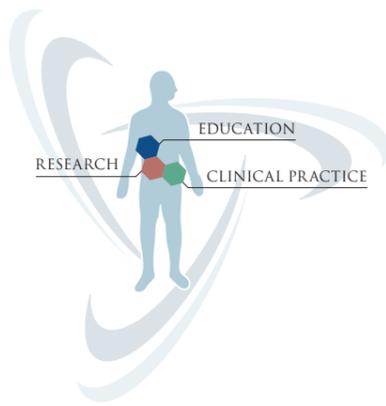
Interdisciplinary exchange and internationalization

Juntendo is building a research system based around the key concepts of interdisciplinary exchange and internationalization.

In the area of interdisciplinary exchange, we are striving to promote proactive exchanges not only between the fields of basic and clinical medicine, but also, as a comprehensive health university, between medicine and the fields of health science, sports science, public health, and welfare, as well as with other natural sciences and the humanities. We promote exchange and partnerships with research institutions that have outstanding researchers, regardless of whether they are national, public, or private universities.

To promote internationalization, we have put in place an environment that cultivates a rich international outlook, based on unbounded openness and fairness. Our flourishing exchanges with universities overseas are another of Juntendo's unique strengths, not only providing a wealth of opportunities to study abroad, but also enabling us to welcome many international students from Southeast Asia and various Western countries.

Juntendo's Three Pillars



Clinical Practice

Leading the Japanese medical community and making a significant contribution to the development of sport

A sense of duty as Juntendo people

One of Juntendo's key strengths is the common recognition—passed unbroken down through the generations—that vigorous education and research activities only develop and grow in a freely competitive environment. While it is one of Japan's oldest private medical universities established under the postwar university system, it would be fair to say that it is completely free from any academic cliques that favor Juntendo graduates; instead, Juntendo has established an academic culture based on appointing high-caliber personnel, regardless of which university they graduated from. Everyone at Juntendo understands this academic culture and consistently practices medicine based on a strong

ethical perspective, working together in a spirit of self-improvement, mutual reliance, and competition, which fosters a sense of unity among us as Juntendo people. Since its founding in 1838, Juntendo Hospital in Tokyo's Hongo district has consistently led the Japanese medical community with cutting-edge medical technology and knowledge. The hospital has a total of 1,051 beds and sees about 4,500 outpatients per day on average, with patients coming not only from Japan, but also from Southeast Asia and Western countries. Many of our researchers are invited to Western universities and international academic conferences and symposiums, and we receive a constant stream of interns and researchers from overseas. The traditions of Juntendo, which took the lead in introducing Western medical science and ensuring that it flourished, still

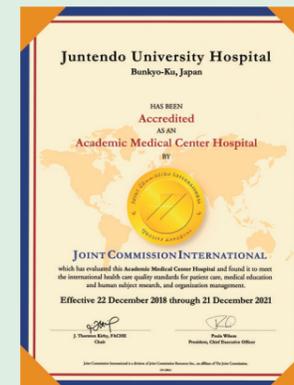


live and breathe here today. The new ward building (Building B) is the product of the very best in hospital construction techniques. The 21-story high-rise building was completed in 2014, while the seven-floor low-rise building was finished in 2016, offering a state-of-the-art health care setting designed with consideration for both safety and the environment.



Certified by Joint Commission International (JCI)

In 2015, Juntendo Hospital became the first main hospital of a Japanese medical university with both medical education and human research programs to be certified by JCI*.



*JCI stands for Joint Commission International, a nonprofit organization founded in 1994 as the international arm of the Joint Commission, a third-party evaluation and certification agency focused on continuous improvements in the quality of medical care and patient safety in the U.S. health care sector.

Focus

Suzuki Daichi
(Graduated 1989, Faculty of Physical Education)

- 1988 **Seoul Olympics**
Gold medalist in swimming:
100 m backstroke
- Now Commissioner, Japan Sports Agency
(first incumbent)



Tomita Hiroyuki
(Graduated 2003, Faculty of Health and Sports Science)

- 2004 **Athens Olympics**
Gold medalist in men's artistic gymnastics:
team event
Silver medalist in men's artistic gymnastics:
parallel bars
Awarded the Medal with Purple Ribbon
- 2008 **Beijing Olympics**
Silver medalist in men's artistic gymnastics:
team event
- Now Associate Professor, Faculty of Health and
Sports Science



Imai Masato
(Graduated 2007, Faculty of Health and Sports Science)

- Hakone Ekiden**
Best runner (2005, 2006, 2007)
Nicknamed "Mountain God" for his outstanding
performance in the fifth leg

Selected for the marathon team representing Japan at the August 2015 World Athletics Championships in Beijing



Clinical Practice

Practicing medical care based on the school motto, *jin*

The Medical Care Act defines a medical facility with at least 20 beds as a hospital (*byoin*, in Japanese), but there is a special reason why Juntendo Hospital's Japanese name still uses the word *iin*, which is more commonly translated as "clinic" and denotes an institution dedicated to the practice of medicine. In 1871, when he was presiding over the establishment of Daigaku Toko (the forerunner of what is now the University of Tokyo's Faculty of Medicine), Sato Takanaka—successor to Juntendo's founder Sato Taizen—submitted to the Ministry of Education an official request to change the hospital's name, pointing out that "The word 'hospital' merely has connotations of gathering sick people together, rather than curing them." Out of respect for Takanaka's insight, Juntendo's main hospital in Hongo retains the Japanese name "Juntendo Iin" today.



Our other hospitals—Shizuoka Hospital, Urayasu Hospital, Juntendo Koshigaya Hospital, Juntendo Tokyo Koto Geriatric Medical Center [2004, Tokyo's first publicly built hospital to be run by the private sector], and Nerima Hospital [2005, opened at the request of Nerima City]—also serve as core centers for community medicine. A key factor behind the tremendous trust placed in them by patients and local citizens is the fact that Juntendo's careful cultivation and preservation of the ethos of the university motto *jin* (benevolence) is at the heart of the medical treatment and care that they offer.

Juntendo has a 123-year history of nursing education and was the alma mater of Japan's first-ever head nurse, Sugimoto Kane. In the spirit of this achievement, Juntendo today still strives to provide Japan's highest-quality nursing services, delivered by Japan's kindest nurses, who are outstanding in terms of both their skills and caring attitude.

Remarkable contributions to the world of sport

The successes of the Faculty of Health and Sports Science are helping Juntendo to gain prominence. The athletics club has won the Japan Inter-University Athletics Championships 27 times and the Hakone Ekiden 11 times, while the artistic gymnastics club dominates such contests as the team event at the All-Japan Artistic Gymnastics Team Championship and the All-Japan Artistic Gymnastics Championship. Among others, our volleyball, soccer, futsal, and squash teams have also achieved excellent results, and Juntendo is proud to have produced many athletes and players active within Japan and overseas, including Olympians, Paralympians, and J. League players. Including alumni, Juntendo sent a total of seven competitors and 10 JOC officials to the 2016 Rio de Janeiro Summer Olympics, adding to its medals tally when the Japanese men's artistic gymnastics team took gold.

Amid changes in the social environment and the rapidly escalating aging of the population coupled with a declining



birthrate, perceptions of and needs for sport are undergoing a major transformation. As such, Juntendo is striving to undertake practical activities and human resource development that will facilitate the delivery of quality of life through lifelong engagement in sport and health promotion. This is another of Juntendo's key strengths. We have introduced an internship system, which enables students themselves to gain practical, hands-on experience in various ways, such as participation in sporting activities and events organized by companies and sporting organizations. Since the 2008 academic year, we have been engaged in a collaborative project with the Chuo City Board of Education in Tokyo, under which we dispatch assistant physical education instructors to elementary schools in Chuo City. These activities are contributing to the local community by improving children's physical strength and enhancing the physical education teaching skills of elementary school teachers.

Our desire to be an open university by offering various extension courses is another of Juntendo's strengths. We work with several local governments in holding extension courses, such as the Lifelong Learning Extension Course co-organized at our Sakura Campus with local municipalities Inzai City and Shisui Town. We also assist with regional revitalization and actively pursue engagement with local citizens.



Focus

Takahira Shinji

(Graduated 2007, Faculty of Health and Sports Science)

- 2004 Athens Olympics
4th in athletics: 4x100 m relay
- 2008 Beijing Olympics
Silver medalist in athletics: 4x100 m relay
- 2012 London Olympics
5th in athletics: 4x100 m relay



Kato Ryohei

(Graduated 2015, Faculty of Health and Sports Science)

- 2012 London Olympics
Silver medalist in men's artistic gymnastics: team event
- 2016 Rio de Janeiro Olympics
Gold medalist in men's artistic gymnastics: team event



Photo courtesy of AfloSport

Tanaka Yusuke

(Graduated 2012, Faculty of Health and Sports Science)

- 2012 London Olympics
Silver medalist in men's artistic gymnastics: team event
- 2016 Rio de Janeiro Olympics
Gold medalist in men's artistic gymnastics: team event



Photo courtesy of Photo Kishimoto

Campus and Affiliated Hospital Access



Headquarters: Hongo-Ochanomizu Campus

Faculty of Medicine
Graduate School of Medicine (Master's/Doctoral Program)
Faculty of International Liberal Arts
Faculty of Health Science

2-1-1 Hongo, Bunkyo-ku, Tokyo 113-8421
Tel: 03-3813-3111 (switchboard)

Sakura Campus

*First year Faculty of Medicine students study at the Sakura Campus.

Faculty of Health and Sports Science
Graduate School of Health and Sports Science (Master's/Doctoral Program)

1-1 Hiraka-gakuidai, Inzai City, Chiba Prefecture 270-1695
Tel: 0476-98-1001 (switchboard)

Urayasu Campus

Faculty of Health Care and Nursing
Graduate School of Health Care and Nursing (Master's/Doctoral Program)

2-5-1 Takasu, Urayasu City, Chiba Prefecture 279-0023
Tel: 047-355-3111 (switchboard)

Mishima Campus

Faculty of Health Science and Nursing
Graduate School of Health Care and Nursing (Master's Program) (Satellite Campus)

3-7-33 Omiya-cho, Mishima City, Shizuoka Prefecture 411-8787
Tel: 055-991-3111



Juntendo Hospital

One of Japan's foremost general hospitals since it opened in the 1870s, this medical institution has consistently been a leader of Japan's medical community, thanks to its advanced knowledge and cutting-edge technology. It sees about 4,500 outpatients per day on average, including patients from Southeast Asia and Western countries.

Number of beds: 1,051

3-1-3 Hongo, Bunkyo-ku, Tokyo
Tel: 03-3813-3111 (switchboard)



Shizuoka Hospital

This was established in 1967 as a core hospital for community medicine in eastern Shizuoka Prefecture. While its Emergency and Critical Care Center is its primary field of health care activity, this hospital is also working to enhance its framework for collaborative research with the Medical Research Center for Disaster. It makes a tremendous contribution to emergency medical care in the local community and introduced a helicopter air ambulance in 2004.

Number of beds: 577

1129 Nagaoka, Izunokuni City, Shizuoka Prefecture
Tel: 055-948-3111 (switchboard)



Urayasu Hospital

This affiliated hospital was established in Urayasu City, Chiba Prefecture in 1984. Since 1995, it has been a core hospital for the community, able to offer emergency medical care thanks to the introduction of high-specification ambulances in the cities of Urayasu and Ichikawa. It is also working to enhance its research framework, alongside the attached Institute for Environmental and Gender-Specific Medicine.

Number of beds: 785

2-1-1 Tomioka, Urayasu City, Chiba Prefecture
Tel: 047-353-3111 (switchboard)



Juntendo Koshigaya Hospital

The Juntendo Institute of Mental Health Koshigaya Hospital, which was established in 1967, was reorganized in 1989 to create this neuropsychiatric hospital affiliated to the Faculty of Medicine. Working in close partnership with Juntendo Hospital, it provides seamless pre- and postgraduate education in psychiatry.

Number of beds: 226

560 Fukuroyama, Koshigaya City, Saitama Prefecture
Tel: 048-975-0321 (switchboard)



Juntendo Tokyo Koto Geriatric Medical Center

This medical center was established by the Tokyo Metropolitan Government in 2002 as a welfare and medical care complex. Since FY2004, it has been operated by Juntendo under a public-private partnership.

Number of beds: 404

3-3-20 Shinsuna, Koto-ku, Tokyo
Tel: 03-5632-3111 (switchboard)



Nerima Hospital

This general hospital was opened in July 2005 at the urging of Nerima City in Tokyo. It works closely with other local medical institutions and is equipped with functions that would enable it to serve as a key facility in the event of disaster (base isolated structure capable of withstanding earthquakes with a seismic intensity of 8). It also has some of Japan's best facilities for preventing hospital-acquired infections.

Number of beds: 400

3-1-10 Takanodai, Nerima-ku, Tokyo
Tel: 03-5923-3111 (switchboard)