



Universidade
de São Paulo



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de São Paulo

photo: Guilherme Andrade



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- 88 Instituto de Biociências (IB)
Institute of Biosciences

- 90 Instituto de Ciências Biomédicas (ICB)
Institute of Biomedical Sciences

- 92 Instituto de Física (IF)
Institute of Physics

- 94 Instituto de Geociências (IGC)
Institute of Geosciences

- 96 Instituto de Matemática e Estatística (IME)
Institute of Mathematics and Statistics

- 98 Instituto de Psicologia (IP)
Institute of Psychology

- 100 Instituto de Química (IQ)
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- 102 Instituto de Relações Internacionais (IRI)
Institute of International Relations

- 104 Instituto Oceanográfico (IO)
Oceanographic Institute

Specialized Institutes

- 108 Centro de Biologia Marinha (CEBIMar)
Center for Marine Biology

- 110 Centro de Energia Nuclear na Agricultura (CENA)
Center for Nuclear Energy in Agriculture

- 112 Instituto de Energia e Ambiente (IEE)
Institute of Energy and Environment

- 114 Instituto de Estudos Avançados (IEA)
Institute of Advanced Studies

- 116 Instituto de Estudos Brasileiros (IEB)
Institute of Brazilian Studies

- 118 Instituto de Medicina Tropical de São Paulo (IMTSP)
Institute of Tropical Medicine – São Paulo

Museums

- 122 Museu de Arqueologia e Etnologia (MAE)
Museum of Archaeology and Ethnology

- 124 Museu de Arte Contemporânea (MAC)
Museum of Contemporary Art

- 126 Museu de Zoologia (MZ)
Museum of Zoology

- 128 Museu Paulista (MP)
Paulista Museum

USP International Office

- 130 Vice-Reitoria Executiva de Relações Internacionais (VRERI)
USP International Office

Presentation

Founded in 1934, Universidade de São Paulo is the largest institution of higher education and research in Brazil. In fact, it accounts for a significant proportion of the country's Master's and Doctoral Degrees. USP is known in Brazil for its pursuit of excellence in teaching and research and for its contribution to advances in science and technology. Proof of this is its performance in academic rankings. For example, USP is the top-ranked Latin American institution in the 2012-13 Times Higher Education World University Rankings and it ranks well within the top 200 worldwide (158th position).

USP is a public, state-operated university and does not charge tuition fees. Its *campi* are distributed in eight cities in the State of São Paulo: Bauru, Lorena, Piracicaba, Pirassununga, Ribeirão Preto, Santos, São Carlos and São Paulo, which is the State Capital.

The University consists of 42 schools, six specialized institutes, two hospitals, four museums, 46 libraries and a considerable number of well-equipped laboratories. This structure serves approximately 58,000 undergraduate and 28,000 graduate students. The faculty consists of almost 6,000 professors, backed up by a staff of 16,000 people.

Internationalization is one of USP's major features. Since its earliest days, the university has welcomed people from all over the world, and continues to do so

through partnerships and networks. In 2012, nearly 3,000 international students were received in its undergraduate and graduate programs. USP's International Office handles the University's initiatives in internationalization, including undergraduate and graduate exchange programs.

USP offers 249 undergraduate programs in all contemporary areas of knowledge: agricultural sciences, biological sciences, health sciences, exact and earth sciences, humanities, applied social sciences, engineering, linguistics, literature and arts, as well as multidisciplinary courses. The undergraduate programs allow students to organize their studies according to their educational goals.

Universidade de São Paulo is also a traditional leader in graduate education in Brazil, with 239 graduate programs. USP's experience in graduate education is an important feature in its history and has made a solid contribution to the country's scientific and technological development.

USP's provision corresponds to about 10% of all graduate programs in Brazil and 15% of all graduate students in the country. According to the 2012 ARWU (Academic Ranking of World Universities), USP awards the largest number of Doctoral Degrees in the world. In 2011, USP celebrated its 100,000th graduate degree, a highly important milestone in the history of the institution.

The advanced and innovative nature of graduate education at USP has given it an outstanding place in the Brazilian scenario of higher education, as well as in the area of scientific development. The University benefits from the continuous improvement of interdisciplinary research centers through their partnerships with international institutions.

Through a large number of publications, consisting of journals, books, articles and papers, USP's findings reach much of the international community. In 2012, the University produced about 27,000 publications.

As mentioned above, USP's main goal is to provide its students with a dynamic research-driven education that will enable them to keep up with current advances in knowledge and to maintain permanent dialogue with Society by means of a productive combination of research, education and academic activities in culture and outreach.

The purpose of this catalog is to showcase USP's units, namely its schools, specialized institutes and museums, by providing information about their locations, history, offered courses, infrastructure and facilities.

USP in numbers - database 2012

Students

Undergraduate Programs

Programs	249
Yearly Enrollment	10,962
Applications for Admission Exams	146,845
Enrolled Students	58,303
Number of Degrees Awarded	7,665

Graduate Programs

Programs	239
Master's Courses	332
Regular Students in Master's Courses	13,836
Number of Degrees Awarded at MSc level	3,577
Doctoral Courses	309
Regular Students in Doctoral Courses	14,662
Number of Degrees Awarded at PhD level	2,439
Special Students*	5,263

* Non-degree-seeking

Scientific Production (number of papers)

In Brazil	18,390
International	8,314
Indexed Publications (ISI-USA)	9,893

Cultural and Outreach Activities

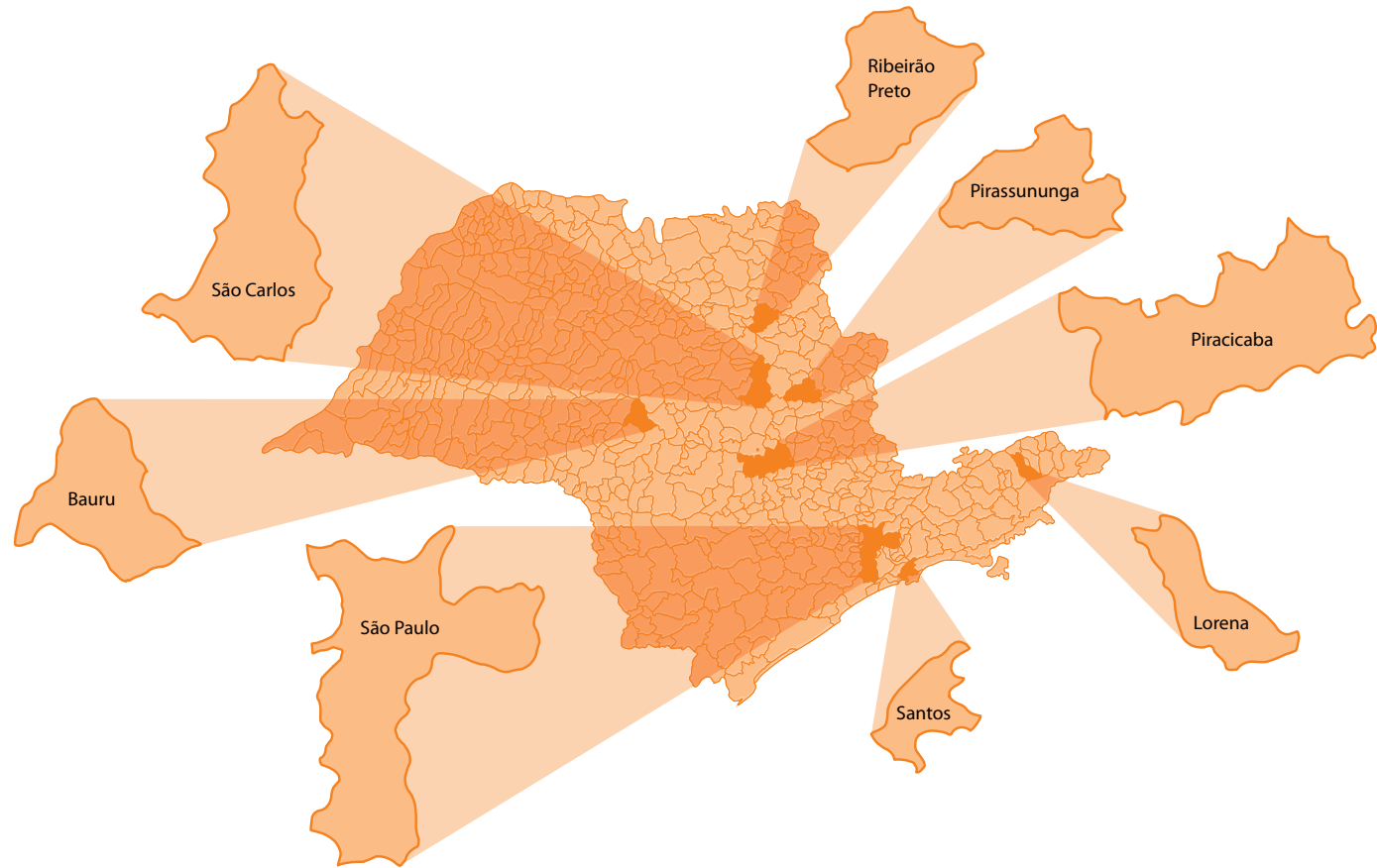
Continuing Education

Programs	993
Enrolled Students	29,687

Museums (numbers of visitors/year)

Museum of Archaeology and Ethnology	34,352
Museum of Contemporary Art	661,361
Museum of Zoology	71,038
Paulista Museum (Historical)	371,622

USP's Campi





Bauru Campus

The city of Bauru is located 326 kilometers (202 miles) northwest of the city of São Paulo. The USP Campus in Bauru houses a Coordination Office, the Hospital for Rehabilitation of Craniofacial Anomalies (HRAC) and the Bauru School of Dentistry (FOB).

Among the most important facets of the work at the Campus are its health services, since they are an essential part of the activities of both the School and the Hospital. Multidisciplinary teams in several fields of health act together in the treatment of students, employees and citizens in general.

Cultural activities at the campus (sponsored by the Cultural Events Division) include classes, workshops, presentations, exhibits and lectures on painting, theater, music, dance and arts. In addition, the Technical Sports Division offers the local community a diverse program of activities aimed at its well-being, at improving quality of life, and at integrating the campus community and the citizens of Bauru. This is one aspect of the University's extension projects, which are among USP's most valued objectives.

Faculdade de Odontologia de Bauru (FOB)

Bauru School of Dentistry

Alameda Dr. Octávio Pinheiro Brisola, 9-75
Bauru, SP, Brazil
Phone: 55 14 3235 8000
E-mail: fob@usp.br
Website: www.fob.usp.br

History

USP's campus in Bauru is comprised of three units: The Bauru School of Dentistry (FOB), the Hospital for Rehabilitation of Craniofacial Anomalies (HRAC) and the Administrative Campus City Hall (PCAB). The campus covers an area of 156,850m² (39 acres) of which 62,661m² (15 acres) consist of buildings.

The School of Dentistry opened its basic undergraduate course in 1962 and has also began to offer an undergraduate course in Speech Pathology/Audiology in 1990. Both courses are very prestigious in Brazil by providing excellence in teaching, community service at local and regional levels, as well as the production of high-quality research in their respective areas.

The World Health Organization recognized the School as a Center of Excellence in Latin America for its international standards of research and other activities.

Students from around Brazil and from other countries attend the School, which is responsible for the qualification and continuing education of many dentists, speech pathologists/audiologists and researchers.



Marcos Santos



Francisco Emolo



Undergraduate Programs

- Dentistry
- Speech Pathology/Audiology



Eliana de Freitas Soares

Graduate Programs

- Applied Dental Sciences
 - Operative Dentistry and Endodontology
 - Stomatology and Oral Biology
 - Pediatric Dentistry
 - Orthodontics and Community Health
 - Oral Pathology
 - Oral Rehabilitation
 - Speech Pathology/Audiology

Research at FOB

The School's staff carries out a great deal of original laboratory and clinical research. Its projects include the participation of undergraduate and graduate students, and results are published for the scientific and professional communities. Most of their research focuses on the areas of epidemiology and the development of

materials and techniques in both dentistry and speech pathology/audiology, having as a basic principle the integration of teaching and research. The School has excellent facilities, including a laboratory and clinics, such as the Center for Electronic Microscopy, the Integrated Research Center (CIP) and the Bioengineering Laboratory in Materials and Biological Mineralization.

Community Service

The Bauru School of Dentistry offers the following community services:

- Free clinical assistance to patients at the undergraduate and graduate clinics in different specialties of dentistry and speech pathology/audiology not only in Bauru itself, but also in Monte Negro, a town in the northern Brazilian State of Rondônia, in the Amazon Region
- Dental urgencies
- Extramural activities in poor areas of Bauru and its surrounding region
- Partnerships for educational, technical and scientific cooperation with Brazilian and international institutions



Francisco Emolo



Lorena Campus

With a population of over 80,000 inhabitants, the city of Lorena is located 180 kilometers (111 miles) northeast of the city of São Paulo. Its campus is divided into two areas, which together serve about 1,600 students per year (an average of 500 new students enter the programs each year).

Since its foundation in 1969, the School has already awarded more than 2,300 degrees in Engineering. The School's alumni are now employed in important

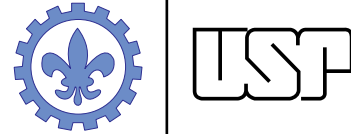
companies and higher education institutions all over the country.

The Campus has libraries with updated educational collections and advanced technological devices for research, as well as rooms with Internet access. It also has well-equipped laboratories for teaching and research, and other facilities including a multimedia auditorium, videoconference rooms and an athletic center.

Escola de Engenharia de Lorena (EEL)

Lorena School of Engineering

Campus I - Estrada Municipal do Campinho, s/nº
Campus II - Pólo-Urbo Industrial, Gleba AI-6,s/nº
Lorena, SP, Brazil
Phone: 55 12 3159 5071
E-mail: ccint@eel.usp.br
Website: www.eel.usp.br



History

The Lorena School of Engineering (EEL) began operating in 2006 when FAENQUIL (Lorena School of Chemical Engineering, 1969-2006) was merged into Universidade de São Paulo. The School currently takes in approximately 500 new students per year. Its facilities include libraries with updated collections, advanced technological resources for research, study rooms and Internet access. There are also teaching and research laboratories, an auditorium with multimedia and video-conference equipment, and a sports center (for volleyball, soccer, gym exercises and other activities).



André Arras

Undergraduate Programs

The Lorena School of Engineering offers undergraduate degrees in:

- Biochemical Engineering
- Chemical Engineering
- Environmental Engineering
- Materials Engineering
- Engineering Physics
- Production Engineering



Simone Colombo

Graduate Programs

The Lorena School of Engineering offers graduate programs in the fields of Chemical Engineering (MSc), Industrial Biotechnology (MSc, PhD) and Materials Engineering (MSc, PhD), and an extension course in Quality Engineering.

High School

The Lorena School of Engineering also offers a course for training chemical technicians at high-school level.



Simone Colombo



Cecilia Bastos

Research at EEL

The School is involved in strategic areas of research for Brazilian development by pursuing new products and processes aimed at further promoting the scientific and technological progress of the country in areas such as Industrial Biotechnology, Materials and Chemistry.



Simone Colombo



Cecilia Bastos



Luiz de Queiroz Campus in Piracicaba

The city of Piracicaba is located 150 kilometers (93 miles) northwest of the State Capital. In 1934, the well known Practical School of Agriculture of Piracicaba, later renamed Luiz de Queiroz College of Agriculture (ESALQ), was one of the founding institutions that were brought together when the Universidade de São Paulo was created. The campus is also home to the Center for Nuclear Energy in Agriculture (CENA). The campus at Piracicaba covers 9,200 acres (which is about 48% of the area of all USP's *campi*).

Cultural and university outreach services at the campus include numerous events of different types targeted at the local community, including workshops, seminars, musical presentations and art exhibitions. The Recreational Athletic Department offers training and sports activities to USP community. It also provides physical activities for the population, such as the Open University for Seniors Program, aiming at giving senior citizens broader knowledge in different fields of interest as well the chance to exchange information and interact with younger generations.

Escola Superior de Agricultura "Luiz de Queiroz" (ESALQ)

Luiz de Queiroz College of Agriculture

Avenida Pádua Dias, 11
Piracicaba, SP, Brazil
Phone: 55 19 3429 4110
E-mail: diretor.esalq@usp.br
Website: www.esalq.usp.br

History

Luiz de Queiroz College of Agriculture (ESALQ) was founded in 1901. It was one of several already existing institutions that were taken over as units of USP when the university was founded in 1934.

ESALQ is a highly respected center of excellence in the agricultural sciences. It is fully committed to conducting outstanding scientific and technological research in a sustainable environment. Its goal is to train professionals for the needs of society and to support agricultural producers through extension activities.



Cecilia Bastos



Undergraduate Programs (BSc)

- Agriculture
- Forestry
- Economics
- Food Science
- Biological Sciences
- Environmental Management
- Management (opened in 2013)

Graduate Programs (MSc and PhD)

- Agricultural Systems Engineering
- Statistics and Agricultural Experimentation
- Animal Science and Pastures
- Agricultural Microbiology
- Applied Economics
- Crop Science
- Food Science and Technology
- Soil and Plant Nutrition
- Entomology
- Plant Physiology and Biochemistry
- Plant Pathology
- Plant Breeding and Genetics
- Forest Resources
- International Cellular and Molecular Plant Biology
- Applied Ecology (co-offered by ESALQ and CENA)

Research at ESALQ

The College participates in a number of partnerships and agreements for scientific research and technical development with universities and institutes in Brazil and abroad. Most of its graduate programs have received the highest rating from the Coordination for Enhancement of Higher Education Personnel, of the Brazilian Ministry of Education (CAPES), and the College has awarded almost 8,000 degrees to date.

Main areas of research:

- Biotechnology, bioenergy
- Agroecology, environmental management, forest resources
- Agricultural and animal production systems, agricultural engineering, precision farming
- Food science, food security
- Applied economics, logistics, agribusiness: commercial and social aspects

The College of Agriculture is internationally recognized by its publications in scientific and technical journals and contributions at technical scientific events.



Office of Communications ESALQ

Research Centers

- National Institutes of Science and Technology (INCT)
 - Semiochemicals in Agriculture
 - Irrigation Engineering
- Research Support Centers
 - Cellular and Molecular Biology in Agriculture
 - Electron Microscopy
 - Lithosphere Geochemistry and Geophysics
 - Bioenergy



Office of Communications ESALQ



Pirassununga Campus

The Pirassununga Campus is one of USP's largest *campi* in surface area. Its facilities include land for crops and units for animal production as well as a slaughterhouse, a cold storage room and a dairy. Pirassununga has a high-altitude tropical climate, with an average annual temperature of 20.8°C (70°F), which makes the region especially adequate for these activities.

The farm launched its activities in 1945 as the "Fernando Costa Practical School of Agriculture." In 1989 it was incorporated as a campus in its own right by the University's School of Veterinary Medicine and Animal Science.

The Pirassununga Campus includes student housing, areas for athletic activities, cafeterias, an events center, and facilities for medical and dental care.

Faculdade de Zootecnia e Engenharia de Alimentos (FZEA)

School of Animal Science and Food Engineering

Av. Duque de Caxias Norte, 225
Pirassununga, SP, Brazil
Phone: 55 19 3565 4200
E-mail: fzea@usp.br
Website: www.fzea.usp.br

History

The School of Animal Science and Food Engineering (FZEA) is one of the most important centers of Agricultural and Food Sciences in Brazil. Its campus is one of USP's largest in terms of surface area, and includes tropical land for crops, facilities for livestock breeding and raising, a slaughterhouse, a cold storage room and a dairy plant.

The School also has modern laboratories and equipment operated by well-qualified professors and technicians, and a modern library with specialized collections as backing for its basic course.

FZEA offers four undergraduate and five graduate programs.

Undergraduate Programs

- **Animal Science Course**

- This is a full-time course which lasts eight semesters at the School, plus one semester of supervised training.

The program prepares future technicians to meet the needs of the market and collaborates with scientific and technological development.



Cecilia Bastos

- **Food Engineering**

- The Food Engineering undergraduate program calls for ten semesters of study. Mandatory and elective courses include priority areas of the profession, providing solid education in line with USP's standards and preparing new professionals to meet the needs of today's world.

- **Veterinary Medicine**

- Besides a general background, the professional profile sought by the School's undergraduate program in Veterinary Medicine comprises three

different emphases, namely: Herd Health and Food Safety, Environmental Sustainability and Animal Well-being, and Agribusiness Management and International Trade.

The Veterinary Medicine Program takes ten full-time semesters.

- **Biosystems Engineering**

- This is a new area of study, created in the wake of recent technological innovations in farm production processes. It is a very important field in Brazil since most technology in agriculture and animal science is imported.

The full-time Biosystems Engineering undergraduate program lasts ten semesters.



César Gonçalves de Lima



Cecilia Bastos

Graduate Programs

FZEA offers graduate programs in Animal Science, Food Engineering, Animal Bioscience (Veterinary), Engineering and Science of Materials and Management and Innovation in the Animal Industries.

Faculty members of the programs all have consolidated academic backgrounds and are backed up by a solid laboratory structure, project grants and considerable intellectual production.

Research at FZEA

The multidisciplinary environment is one of the major features of the research done at USP's school at Pirassununga. All faculty members have PhD degree and are distributed among five Departments: Animal Science, Food Engineering, Veterinary Medicine, Biosystem Engineering and Basic Science. They work together with students in a number of lines of study in biology and the exact and human sciences.



Cecilia Bastos



Ribeirão Preto

Campus

Ribeirão Preto is located 313 km away from São Paulo (state capital) with a population of over 600,000 inhabitants. The Campus is well known for both its beautiful park-like setting and academic excellence. It is not only the 2nd largest USP campus in terms of academic specialties, but also in scientific production.

When the Campus was originally laid out in the 50's, it was essentially a health sciences campus (medical and nursing sciences, pharmaceutical sciences, dentistry). Since then, several academic specialties have been

added, such as physics, mathematics, chemistry, biology, psychology and education. More recently, the Campus also received Schools of Business, Law, Physical Education, and a Department of Music.

The Campus has an International Office that integrates each Faculty. It helps visitors to get settled and to feel the hospitality of the city. A business and cultural center in the countryside of São Paulo, Ribeirão Preto is a city with an active cultural and student life.

Escola de Educação Física e Esporte de Ribeirão Preto (EEFERP)

School of Physical Education and Sport of Ribeirão Preto

Av. Bandeirantes, 3900
Ribeirão Preto, SP, Brazil
Phone: 55 16 3602 0529
E-mail: eeferp@usp.br
Website: www.eeferp.usp.br

History

The School of Physical Education and Sport of Ribeirão Preto (EEFERP) is one of the most recently established units of Universidade de São Paulo, having opened its doors in 2009. The School currently has 19 research professors and approximately 240 undergraduate students in the area of physical education and sports.

Undergraduate Program

This program leads to a Bachelor's Degree in Physical Education and Sport. After completing the fourth semester of the course, students can choose one of two majors: Physical Education and Health, or Sports.

- Undergraduate students majoring in Sports specialize in human movement through the practice of sports. Professionals are trained to work as coaches, personal trainers and sports managers, and to develop and monitor sports programs.
- Those majoring in Physical Education and Health take courses in health related to physical exercise at different stages of life. These professionals are trained especially to design and carry out physical exercise programs for the prevention of hypokinetic diseases, thus promoting health through prevention and rehabilitation.



Clir: Foto e Vídeo



Valdir J. Barbanti

Graduate Program

Since the Graduate Program is relatively new, it is still being structured. The course is expected to broaden students' knowledge in the areas of physical education and sports.

Research at EEFERP

Research at the School is carried out along different main lines of study:

- Exercise physiology and metabolism
- Sports Pedagogy
- Neuromechanics of human movement
- Physical conditioning
- Socialcultural aspects of sports
- Sports management
- Adapted physical education and sports



João Neves



Valdir J. Barbanti



João Neves



Valdir J. Barbanti

Escola de Enfermagem de Ribeirão Preto (EERP)

Ribeirão Preto College of Nursing

Av. dos Bandeirantes, 3900
Ribeirão Preto, SP, Brazil
Phone: 55 16 3602 3393
E-mail: eerp@edu.usp.br
Website: www.eerp.usp.br

History



Service Creation and Multimedia Production/EERP-USP

The Ribeirão Preto College of Nursing (EERP) is a center of excellence with a solid reputation in Brazil and abroad for its teaching, research and training of human resources in nursing. It offers two undergraduate programs and four graduate programs, as well as several regular specialization courses. It also hosts numerous lectures and seminars throughout the year.

Undergraduate Programs

- Bachelor's Degree in Nursing
- Bachelor's Degree and Teaching Diploma in Nursing



The first program lasts four years and awards a bachelor's degree in Nursing. The second one lasts five years and awards a bachelor's degree in Nursing and a diploma in the Teaching of Nursing. The curriculum consists of courses in biological, human, social and exact sciences, as well as more specific courses in the area of nursing to develop expertise that links theory to practice in nursing care.

Graduate Programs



Service Creation and Multimedia Production/EERP-USP

The College offers four graduate programs, all recognized by the Brazilian Ministry of Education. Two have been evaluated with the highest score among Nursing Programs in Brazil.

Areas of Research

- **Fundamental Nursing**
 - Care process of adults with acute and chronic-degenerative diseases
 - Communication in nursing
 - Dynamics of the organization of health and nursing services
 - Health education
 - Health of the elderly
 - Infectious diseases: problems and coping strategies
 - Occupational health
 - Science and technology in nursing
 - Theoretical, methodological and technological foundations of the Nursing care process
- **Psychiatric Nursing**
 - Health education and human resources training
 - Mental health promotion
 - Psychiatric nursing: the patient, the disease and therapeutic practices
 - Studies addressing the conduct, ethics and production of knowledge in health
 - Use and overuse of alcohol and drugs
- **Public Health Nursing**
 - Child and adolescent health care
 - Environmental health
 - Genomics and immunobiology applied to public health
 - Health practices, knowledge and policies
 - Health-disease process and epidemiology
 - Women's health care in the life cycle

- **Inter-unit Doctoral Program in Nursing (PhD degree)**
 - Epistemology of health sciences
 - Social and professional practice in health
 - Society, health and nursing
 - Theoretical and philosophical foundations of care delivery

Research at EERP

The Ribeirão Preto College of Nursing is nationally and internationally recognized for its research activities, as it has made a significant contribution to the construction, advancement and consolidation of scientific knowledge in nursing. Faculty members participate in a number of different research groups as well as in Brazilian and international collaborative research networks.

Excellence at EERP

Since 1988 the College has served as a World Health Organization Collaborating Centre for Nursing Research Development, focusing on three main areas: Research, Human Resource Training and the Spread of Knowledge in Brazil and abroad. The Centre is aimed at integrating international health priorities with the College of Nursing's mission to create and disseminate knowledge in nursing and health, thus contributing to the scientific progress of the profession and the improvement of the population's health. It also aims to develop scholars and leaders in individual and collective integral health-care processes through education. In May 2002, the College was officially entitled the Rho Upsilon Chapter of Sigma Theta Tau International Honor Society of Nursing.

Faculdade de Ciências Farmacêuticas de Ribeirão Preto (FCFRP)

School of Pharmaceutical Sciences of Ribeirão Preto

Av. do Café, s/nº
Ribeirão Preto, SP, Brazil
Phone: 55 16 3602 4181
E-mail: fcfpr@edu.usp.br
Website: www.fcfpr.usp.br

History

Founded in 1924, the School of Pharmaceutical Sciences of Ribeirão Preto (FCFRP) is one of Brazil's outstanding schools in the pharmaceutical area. The School is comprised of three departments: Physics and Chemistry; Clinical Analysis, Toxicology and Food Sciences; and Pharmaceutical Sciences. The course in Pharmacy and Biochemistry is offered both full time (five years, eight hours per day, five days a week) and part time (six years, five hours per day, six days per week).

Undergraduate Programs

Pharmacy is a very broad field of knowledge, and its professionals may work in a number of different areas, including:

- Biotechnological Products
- Chemistry and Biochemistry
- Clinical Analysis
- Cosmetic Industry
- Drugstores
- Food Industry



- Galenic and Homeopathic Pharmacies
- Hospitals
- Laboratories of Drug Bioavailability and Bioequivalence
- Natural Products Research and Development
- Pharmaceutical Companies
- Public Health Care
- Others

Graduate Courses

Graduate courses are composed of four programs:

- **Pharmaceutical Sciences**
 - Natural and Synthetic Products
 - Medicines and Cosmetics
 - Biological Physics
- **Biosciences Applied to Pharmacy**
- **Toxicology**
- **Pharmaceutical Nanotechnology** (an interinstitutional graduate program with ten different Brazilian universities)

Professors work with students in both the Master's and the Doctoral programs.

Areas of Research

The School's academic staff carries out research in the following fields:

- Acquisition, production and biological evaluation of natural products and synthetic compounds
- Research and development of cosmetic and pharmaceutical products
- Nanotechnology applied to pharmaceutical and cosmetic products
- Quality control, efficacy evaluation and use of medicinal and cosmetic products
- Macromolecular crystallography and structural properties
- Fundamental processes in physics, chemistry and molecular modeling
- Clinical and experimental toxicology
- Toxicological analysis
- Clinical and experimental studies on physiopathology disorders
- Diagnostics, epidemiological investigations, and alternative therapies

Research-Related Activities

The School of Pharmaceutical Sciences of Ribeirão Preto periodically hosts important scientific events, such as:

- International Congresses on Pharmaceutical Sciences - CIFARP (biennial)
- Biological areas - International Symposium on Scientific Initiation at Universidade de São Paulo - SIICUSP (biennial)
- International Symposium of Post-Graduate Work and Research - SINPOSPq (biennial)

Cultural and Extension Activities

FCFRP has a number of services and facilities available, including:

- Continued-education courses
- Campaigns for public health education
- Services and training
- A clinical analysis laboratory
- A toxicological laboratory
- Pharmaceutical bioequivalence laboratory
- Training for work in drugstores and galenic pharmacies
- Research laboratories
- Scientific exchange programs and partnerships have been established with international institutions, as well as training contracts with drugstores, pharmacies, and cosmetics and pharmaceutical companies.



Cássio Luis Rodrigues

Faculdade de Direito de Ribeirão Preto (FDRP)

Ribeirão Preto Law School

Avenida Bandeirantes, 3900
Ribeirão Preto, SP, Brazil
Phone: 55 16 3602 0115
E-mail: dirfdrp@usp.br
Website: www.direitorp.usp.br

History and Mission

The Ribeirão Preto Law School (FDRP) was established in 2007 and its first class began studying in 2008. The School's main objective is to become a reference point for legal studies in terms of Brazil and Latin America. One of its purposes is to provide its students with an education in the field of law that gives them the tools and skills they need to deal with the legal problems that arise in increasingly complex societies. This need is quite evident in a country like Brazil, where demands for

social equality and environmental protection are often in conflict with the needs and implications of a developing economy in a globalized and interdependent world.

To this end, students are motivated to critically analyze legal and social phenomena in an environment that embraces interdisciplinarity, encourages teamwork, stimulates autonomous learning and contributes to the development of civic and human responsibility.



Lucas Brandolin Ferreira



Lucas Brandolin Ferreira



Law Degrees

Each year a class of 100 new students is welcomed to the School, admitted through a highly competitive selection process. The law course consists of five years of study, at the end of which students are awarded a Bachelor of Law Degree. Different from almost all other law schools in Brazil, the course requires full-time presence from students during the first two years, but it is part-time for the last three years, in order to allow them time for outside research, outreach activities and internships.

The innovative curriculum covers all traditional fields of the civil law area (Constitutional Law, Procedural Law, Criminal Law, Law of Obligations, Property Law, Corporate Law, Tax Law, Labor Law, Family Law, Administrative Law, International Law, Conflict of Laws). It also includes courses in specialty areas (Economic Integration, Consumer Relations, Competition, Health Law, Sports and Human Rights), as well as other areas designed to give students critical and/or interdisciplinary perspectives on legal problems (Jurisprudence, Philosophy, Sociology, Political Theory, Accounting, Economics and Mathematics).

The faculty consists of 40 tenure-track professors, all of whom are PhD holders. About 70% are fulltime teachers at the university. The small size of the classes allows positive proximity between professors and students, thus it increases opportunities for intellectual interchange and creates a vibrant academic community.

The library, though still in formation, currently has a collection of approximately 15,000 books and periodicals, which are being added to it, with the intention of bringing together the best and most representative production of

Brazilian legal thought. The major electronic databases, such as Lexis-Nexis, JSTOR and Heinonline, are freely accessible on the School's computer network and through interlibrary loans. Professors and students have quick and easy access to the catalog of all 46 libraries of Universidade de São Paulo.

A master's program in "Justice, Citizenship and Development" is in the planning for 2013.



Lucas Brandolin Ferreira



Lucas Brandolin Ferreira

Faculdade de Economia, Administração e Contabilidade de Ribeirão Preto (FEARP)

*School of Economics, Business Administration
and Accounting at Ribeirão Preto*

Avenida Bandeirantes, 3900
Ribeirão Preto, SP, Brazil
Phone: 55 16 3602 3922
E-mail: fearp@usp.br
Website: www.fearp.usp.br

History



Luis Fernando Laguna

The School of Economics, Business Administration and Accounting at Ribeirão Preto (FEARP) was founded in 1992. The success the School has achieved through the dedication of its faculty, staff and students can be seen through the indicators of academic performance it has received in several different assessments.

The School has a number of projects aimed at integrating it with the local community. Of special importance are internships that offer services to



interested companies in Ribeirão Preto and region, in addition to social projects aimed at sustainable development of the community.

Undergraduate Programs

Bachelor's Degrees

- Economics
- Business
- Accountancy
- Economics and Accounting

Graduate Programs

- Business Administration
- Accounting
- Applied Economics

Research at FEARP



Dulcelene Jatobá



Marcos Santos

Research activities are an integral part of the School's academic activities, and cover topics in the following areas: economics, finance, marketing, negotiation, economic history, organization economics, economic development, cooperatives, employment economics, controlling, cost accountancy, social accountancy, human resources, econometrics, and macro- and micro-economics.

The School's master's programs began in 2004 in the areas of organizational administration, controlling and accountancy, and applied economics. The School's three departments have a highly qualified faculty, with most of its members working fulltime at the university in teaching and/or research.

Lines of Research

- **Business administration**
 - Organizational studies
 - Sustainability and innovation management
 - Markets and value generating
- **Controllership and accountancy**
 - Environmental and corporate accountancy
 - Finances
 - Controllership
- **Applied economics**
 - Social economics
 - Development economics

Research Centers

- Teaching Laboratory on Applied Information Technology (LEIA)
- Research Support Laboratory (LAPE)
- Information Center
- Computer's room

Faculdade de Filosofia, Ciências e Letras de Ribeirão Preto (FFCLRP)

Faculty of Philosophy, Sciences and Letters at Ribeirão Preto

Avenida dos Bandeirantes, 3900
Ribeirão Preto, SP, Brazil
Phone: 55 16 3602 3670
E-mail: ffclrp@usp.br
Website: www.ffclrp.usp.br

History

The Faculty of Philosophy, Sciences and Letters at Ribeirão Preto, founded in 1959, began its activities in 1964, and, in 1974, became part of Universidade de São Paulo located in Ribeirão Preto campus. As of June 2013, around 10,700 professionals had graduated, including 875 PhD and 1,629 Master's students.

Around 2,000 undergraduate and 559 graduate (249 Master's and 310 PhD) students are currently enrolled.

The Faculty occupies a physical space of about 40,000m², employs 207 academic staff members and 233 technical staff, and serves the surrounding community through



various centers attached to its seven Departments, each focused on a different academic area.

Research

Research conducted at the Faculty is of international standard, supported by funding from state and federal agencies. These investigations are well received by the international academic community and are widely cited. In 2012, faculty members published an average of six articles each in peer-reviewed journals with selective editorial policies. Publications are constantly updated in the university's on-line Integrated Library System.



Audiovisual Section

Applied Research Centers

- Brazilian Center for the Investigation of Childhood Education and Development
- Center for Integrated Education in Chemistry
- Center for Instrumentation, Dosimetry and Radiation Protection
- Center for Applied Psychology
- Interdisciplinary Laboratory on Educational Training

Undergraduate Programs Bachelor and Teaching Degrees

- Biological Sciences
- Information and Documentation Sciences
- Psychology
- Pedagogy
- Biomedical Informatics
- Medical Physics
- Chemistry
- Applied Mathematics (Business)
- Music

Graduate Programs

- Comparative Biology
- Education
- Entomology
- Applied Physics (Medicine and Biology)
- Psychobiology
- Psychology
- Chemistry



Audiovisual Section



João Neves



Audiovisual Section

Faculdade de Medicina de Ribeirão Preto (FMRP)

Ribeirão Preto Medical School

Av. Bandeirantes, 3900
Ribeirão Preto, SP, Brazil
Phone: 55 16 3602 3005
E-mail: crint@fmrp.usp.br
Website: www.fmrp.usp.br

History

The Ribeirão Preto Medical School (FMRP) was founded in 1952 as a research-oriented medical school, and the strong connection between research and medical practice has been one of its hallmarks ever since. The School is also the oldest institution at USP's Ribeirão Preto Campus and, as a result, has strongly influenced the campus' overall academic life during the last half-century. In addition, through its renowned excellence in medical care, it has also significantly contributed to the development of the region, which is now an important economic part of the State of São Paulo.

The School of Medicine of Ribeirão Preto is the second largest medical school of Universidade de São Paulo,

providing excellent conditions for medical students through a solid curriculum in basic sciences, completed by training in all medical specialties. Besides its main specifically medical curriculum, the School also offers undergraduate courses in health-related areas, and has recently reformulated its curriculum in biosciences related to health. About 1,400 undergraduate students are currently enrolled in these courses.

The School includes two University Hospital Complexes, a Rehabilitation Center, a Maternity Complex and a State Hospital, as well as several Community Health Centers. The Hemocenter serves not only as a blood bank; it is also a very refined research center for hemoderivatives and cell therapy.



Undergraduate Programs (BSc Degrees)

- Biosciences related to Health and Biotechnology
- Bioinformatics related to Medicine
- Medicine
- Physiotherapy
- Occupational Therapy
- Nutrition and Metabolism
- Speech Therapy

Graduate Programs (MSc and PhD)

- **Basic Health Sciences**
 - Basic and Applied Immunology
 - Biochemistry
 - Cell and Molecular Biology
 - Genetics
 - Pharmacology
 - Physiology
- **Clinical Sciences**
 - Child and Adolescent Health Sciences
 - Clinical Medicine

- Community Health
- Gynecology and Obstetrics
- Health Sciences Applied to Locomotor Processes
- Mental Health
- Neurology
- Ophthalmology, Otorhinolaryngology, Head and Neck Surgery
- Pathology
- Surgery
- Professional Master's in Hemotherapy and Biotechnology
- Professional Master's in Health Care Management

Research at FMRP

FMRP coordinates 18 graduate programs, all offering Master's and PhD degrees in the principal areas of medicine and health biosciences, with 1,400 students currently enrolled. Several programs are among the highest rated in their respective areas by the CAPES agency of the Brazilian Ministry of Education. This is also reflected in the School's high output of scientific publications, in terms of both quantity and quality.



Archive of the Historical Museum/FMRP



Archive of the Historical Museum/FMRP

Faculdade de Odontologia de Ribeirão Preto (FORP)

School of Dentistry of Ribeirão Preto

Avenida do Café s/nº
Ribeirão Preto, SP, Brazil
Phone: 55 16 3602 0251
E-mail: forp@usp.br
Website: www.forp.usp.br

History

Founded in 1924 and incorporated into Universidade de São Paulo in 1974, the School of Dentistry of Ribeirão Preto (FORP) is a center of excellence comprising six Departments: Stomatology, Public Oral Health and Forensic Dentistry; Pediatric Dentistry; Bucco-Maxillo-Facial Surgery and Traumatology and Periodontics; Dental Materials and Prosthesis; Morphology, Physiology and Basic Pathology; and Restorative Dentistry.

Besides research activities and teaching, the School offers health care to members of the local community through a variety of dental procedures, ranging from the simplest to the most complex.



Hermano - FORP/USP



Undergraduate Program

Every year the School welcomes a new class of 80 students for its undergraduate course in Dentistry. Among these are students from different regions in Brazil as well as from other countries.

Graduate Programs

FORP offers a number of graduate programs, including: Oral Biology (Master's Degree), Oral Rehabilitation (Master's and Doctoral Degrees), Oral Surgery (Master's and Doctoral Degrees), Pediatrics (Master's and Doctoral Degrees), Periodontics (Master's and Doctoral Degrees) and Restorative Dentistry (Master's and Doctoral Degrees). All of these programs are recognized by the Coordination for Enhancement of Higher Education Personnel of the Brazilian Ministry of Education (CAPES).

Research at FORP

FORP is ranked among the top dental research centers in Brazil, as assessed by various publications and research resources. This has led to partnership programs with a number of international Universities.

Several clinic-based research centers have been founded at the School during recent decades, with focus on Biocompatibility of Materials, Electromyography of the Stomatognathic System, Laser Application, Molecular Biology, and Implant among others.



Marcos Santos

University Extension

The School is also known for the dental treatment provided by undergraduate and graduate students at its local community clinics, treating a great amount of patients every year, free of charge. FORP also renders specialized community services and the training of specialists, including the Center for Formation of Human Research Specialized in Dental Care to Patients with Special Needs (CAOPE), Demystifying the Dental Assistance to Patients with Special Needs (DAPE), Service for Occlusion and Temporomandibular Joint Dysfunction (SODAT), Center for Enhancing the Culture and Extension in Dental Diagnoses (NACEDO), Specialized Center for Treatment in Oral Diagnosis (CAEDO), Dental and Radiographic Image Analysis and Control Laboratory (LACIRO), Specialized Service on Radiography and Orthodontics Documentation (SERDO), Integrated Center for Facial Deformity Studies (CIEDEF).

Specialization

- Endodontics
- Forensic Dentistry
- Implant Dentistry
- Maxillofacial Surgery
- Operative Dentistry
- Periodontics
- Prosthodontics
- Public Oral Health
- Radiology
- Residency in Maxillofacial Surgery



Jorge Maruta/Jornal da USP



Hermano - FORP/USP



São Carlos Campus

The city of São Carlos, located 231 kilometers (143 miles) north of the city of São Paulo, is an important scientific, educational and technological center for the state of São Paulo and the whole country. The city has an intense academic activity, due to the presence of many research institutions. Its universities and research centers are widely recognized for their excellence and diversity.

The large number of academic, technological and industrial complexes in and around São Carlos has

given the city the title of "Capital of Technology". The Campus includes five USP schools, teaching Engineering, Mathematical and Computer Sciences, Physics, Chemistry and Architecture and Urbanism.

The USP Campus at São Carlos is divided geographically into two separate sections. Both of them occupy the central region of the city, and contain numerous local facilities, including free transportation between the two sections.

Escola de Engenharia de São Carlos (EESC)

São Carlos School of Engineering

Av. Trabalhador São-carlense, 400
São Carlos, SP, Brazil
Phone: 55 16 3373 9200
E-mail: direesc@usp.br
Website: www.eesc.usp.br

History



Umberto Carlos Patracon

The São Carlos School of Engineering (EESC) has been educating professionals for over 60 years. It offers nine undergraduate engineering courses, and jointly they take in 450 new students every year. Its 208 teachers are distributed among nine departments, which, to date, have granted degrees to over 6,000 professionals. The School also offers ten graduate programs in engineering, at both Master's and PhD levels, and awards approximately 200 Master's and 95 Doctoral degrees each year.



Nathália Nicola

The School's students are trained to analyze and contribute to the solution of problems related to Brazil's urban, industrial, scientific and technological infrastructure. Through individual and integrated projects and services, the undergraduate courses and activities are closely correlated with the research carried out in the graduate level. The Engineering School is thus well equipped to face the challenges of the future.

Undergraduate Programs



Oswaldo José dos Santos

- Aeronautical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering (emphasis on Electronics, and on Energy Systems and Automation)
- Environmental Engineering
- Mechanical Engineering
- Mechatronic Engineering
- Production Engineering
- Materials and Manufacturing Engineering

Graduate Programs

- Bioengineering
- Environmental Engineering Sciences
- Structural Engineering
- Production Engineering
- Transport Engineering
- Electrical Engineering
- Hydraulic and Sanitation Engineering
- Mechanical Engineering
- Geotechnical Engineering
- Materials Science and Engineering

Research at EESC



Francisco Emolo

The School is recognized both nationally and internationally for its research activities, based especially on its ten graduate programs.

EESC Research Centers

- Center of Educational Technology for Engineering (CETEPE)
- Center for Water and Applied Ecology (CHREA)
- Center for Engineering Health (CEAS)

International Relations

The School of Engineering encourages partnerships with foreign institutions through the International Relations Committee. The goal is to strengthen relations with international reference centers and to project EESC on the international scene, thus fostering the exchange of faculty members as well as of undergraduate and graduate students.

Instituto de Arquitetura e Urbanismo (IAU)

Institute of Architecture and Urbanism

Av. Trabalhador São-carlense, 400
São Carlos, SP, Brazil
Website: www.iau.usp.br

Contact:

CCInt - IAU
Phone: 55 16 3373 8773
E-mail: ccintiau@sc.usp.br

Overview

The Institute of Architecture and Urbanism (IAU) is located at the São Carlos Campus. The city of São Carlos is known as an important technological and academic center, due to both the USP facilities and those of Universidade Federal de São Carlos. In addition, São Carlos is home to a number of industrial and other enterprises of national and international importance.

The undergraduate course in Architecture and Urbanism, set up in 1985, emphasizes the domains of construction, urbanism and landscape. Through its graduate program (founded in 1971), the undergraduate course at IAU has strong links with research and with activities related to Master's and PhD investigations.

All professors are full-time PhD academics with positive reputations for their teaching and research in the fields of history, theory, technology, architectural design, public policies and others.



José Eduardo Zanardi

Undergraduate Program

The Course in Architecture schedules a heavy workload for its students. Cultural, social and technical aspects are interwoven with curricular activities in the study of arts, science and technology, theory, history, design, architecture and urbanism.

Additional interdisciplinary activities, such as workshops, extension courses, seminars and conferences developed by guest speakers in architecture and other academic areas, international exchange programs, and study trips to other Brazilian cities are an integral part of the academic formation.

Graduate Program

The Graduate Program (Master's and PhD) admits about fifty students each year and is divided in two areas: Theory and History of Architecture and Urbanism, and Technology of Architecture and Urbanism.



Archive Cantero Escola

Features

The infrastructure at the School consists of design studios, a library and a documentation center. It also includes several laboratories, as well as digital, environmental and comfort simulations, wood and metal modeling, and experimentation with building materials technology.

Today there are eleven research groups working at the Institute, all of which are recognized by the National Council for Scientific and Technological Development (CNPq). The activities have always been closely intertwined with teachers' and students' practices, and about half of all undergraduate students participate in faculty research activities. The Institute's Architectural and Urban Research Projects cover a variety of subjects, such as the Theoretical, Critical and Historical Study of Brazilian and International Modern and Contemporary Art, Architecture and Urbanism, Contemporary City, Cultural Heritage, Public Policies, Technology and Building Management, Sustainability and Comfort, Social and Innovative Housing, and Digital Design Methods.



José Eduardo Zanardi

Instituto de Ciências Matemáticas e de Computação (ICMC)

Institute of Mathematical and Computer Sciences

Av. Trabalhador São-carlense 400
13566-590 São Carlos, SP, Brazil
Phone: 55 16 3373 8109
E-mail: crint@icmc.usp.br
Website: www.icmc.usp.br

Presentation



Silvio Pomin

based companies. Founded in 1971, the Institute now occupies a total area of 14,000m², divided between two areas of the local campus. It is organized into four departments with nearly 150 faculty members, at least with PhD Degrees. The technical and administrative staff consists of approximately 120 qualified members working in a pleasant atmosphere. The Institute has well-equipped facilities, multimedia classrooms, two auditoriums and a high-quality library (140,000 volumes and 23,000 periodical titles). Its network of computers includes 2,000 units and high-performance machines and clusters.

Undergraduate Programs

- Applied Mathematics and Scientific Computing (BSc)
- Computer Engineering (BSc, joint with the Engineering School)
- Computer Science (BSc)
- Exact Sciences (Teacher Education Program, joint with the Physics and Chemistry Institutes)
- Informatics (BSc)
- Mathematics (BSc and Teacher Education Program)
- Statistics (BSc)

The Institute of Mathematical and Computer Sciences (ICMC) is an important Brazilian institution working in both the development of scientific research and the training of human resources in Applied Mathematics, Computer Sciences and Systems, Informatics, Mathematics and Statistics, and their related areas.

São Carlos has two important public universities and a number of large industrial companies. The city is associated with innovation and the development of high-level technology, incubators and technology-



Approximately 1,400 students are enrolled in these courses. The Institute is also responsible for teaching disciplines in the Architecture, Engineering, Physics and Chemistry courses.

Graduate Programs – MSc and PhD

- Computer Sciences and Computational Mathematics
- Mathematics
- Statistics (joint with the Universidade Federal de São Carlos)
- ProfMat - professional Master's degree focused on teachers of public schools

The two last programs are new. The first two are ranked with grade 6 (out of 7) by the CAPES agency of the Brazilian Ministry of Education. Today over 600 students are enrolled in these programs.

Research at ICMC

The research and educational activities at ICMC are recognized internationally, and include the publication of approximately 450 texts per year in qualified journals. Its faculty, post-doctoral members and students often take part in important scientific events, joint projects and partnerships with institutions abroad. In addition, many international events are held at the Institute, and research groups receive constant support from international and Brazilian agencies (such as FAPESP, CNPq, CAPES and FINEP). Also noteworthy is the Institute's commitment to technological innovation through its partnerships with industry, research centers and governmental agencies. This generates many technological products with high economic and social impact. The main research lines are listed below:

- Computer Sciences: Bio-inspired Computation; Computational Intelligence; Computational

Linguistics; Data Bases and Images; Distributed Systems and Concurrent Programming; Embedded and Evolutionary Systems; Mobile Robotics; Software Engineering; Visualization, Imaging and Computer Graphics; Web and Multimedia Interactive Systems.

- Mathematics, Applied Mathematics and Statistics: Algebra; Applied and Geometrical Analysis; Applied Functional Analysis; Complex Systems, Particles and Control; Computational Fluid Mechanics; Differential Geometry; Dynamical Systems and Ergodic Theory; Functional Differential Equations; Geometric and Visual Processing; Linear Partial Differential Equations; Mathematics Education; Nonlinear Dynamical Systems; Optimization; Risk Assessment; Singularities; Statistics; Topology.

It should be highlighted the faculty's participation in thematic research networks and in other large projects. An example is the participation of researchers at the following National Science and Technology Institutes and Research Support Centers:

- Center for Mathematics and Statistics Applied to Industry;
- Critical Embedded Systems;
- Digital Convergence;
- Free Software;
- Machine Learning and Data Analysis;
- Mathematics;
- Medicine Assisted by Scientific Computing;
- São Carlos Center for Robotics.

Commitment to the Society

Besides its teaching and research activities, ICMC has partnerships with local, state and national governments, as well as with private associations and NGOs to promote projects with broad repercussion for society in general.

Instituto de Física de São Carlos (IFSC)

São Carlos Institute of Physics

Av. Trabalhador São-carlense, 400
São Carlos, SP, Brazil
Phone: 55 16 3373 8810
E-mail: dirifsc@ifsc.usp.br
Website: www.ifsc.usp.br

History

The São Carlos Institute of Physics (IFSC) is a dynamic interdisciplinary research center located in the heart of the State of São Paulo. With access to excellent research funding, it is responsible for several large-scale network programs in diverse fields, such as optics and photonics, structural biology, ceramic materials and polymer science.

This interdisciplinary approach, including topics that range from theoretical astrophysics to microbiology and medical instrumentation, gives the Institute the unique characteristics which have led to innovative research in interface with other disciplines.

Currently the Institute of Physics has 78 full-time faculty members and is equipped with classrooms, teaching laboratories, administrative offices, workshops and an auditorium, besides international-standard research laboratories, for which the Institute is renowned.

Undergraduate Programs

- Bachelor's Degree in Physics
- Bachelor's Degree in Computational Physics
- Bachelor's Degree in Biomolecular and Physical Sciences
- Teaching Degree in the Exact Sciences with



specialization in Physics, Chemistry and Mathematics. This is a joint program between the Institute of Mathematical and Computer Sciences and the São Carlos Institute of Chemistry.



Graduate Programs

The Institute's Graduate Program in Physics has the objective of training qualified researchers at both Master's and PhD levels.

Since it was founded in 1975 the program has regularly received high levels of independent evaluation.

Master's and Doctoral Degree Programs:

- Physics (Fundamental Physics and Applied Physics)
- Materials Science and Engineering, a joint program with the São Carlos School of Engineering and the São Carlos Institute of Chemistry

Research at IFSC



With 78 faculty members, 194 members on the technical and administrative staff, 562 undergraduate students and 245 graduate students enrolled in the Physics Program, IFSC features the following research areas:

- Atomic and molecular physics (laser cooling and trapping of atoms, Bose-Einstein condensation and ultracold collisions)
- Optics and photonics (nonlinear optics, Femtosecond Laser Micromachining, ultra-fast phenomena)
- Statistical physics (disordered systems, phase transitions and critical phenomena, evolution of molecules and the origin of life)
- Solid state physics and condensed-matter physics (semiconductor physics, crystallography, crystal growth and nucleation process)

- Magnetic resonance spectroscopy (NMR, magnetic resonance imaging, pulsed and CW EPR)
- Polymers and organic nanostructured films
- Quantum information (theory of quantum information, NMR in quantum computing, spintronic semiconductors)
- Science teaching and the history of science (teaching strategies for science, science teacher training, research into the history of physics)
- Biophysics, bioenergy and biomolecular sciences (molecular and structural biology, protein crystallography, biomimetic systems, vision in invertebrates, medicinal chemistry and drug design)
- Lasers in medicine and dentistry (photo-dynamic therapy, development of ophthalmology equipment, sensors and bio-sensors)
- Computational physics (artificial vision, image and signal processing, computational modeling for neurosciences, computer architecture)
- Nanoscience and nanotechnology (organic electronics, nanostructures, nanotoxicology, oxide nanoparticles and nanostructured oxide thin films)
- Particle physics and field theories (elementary particle interaction, gravitation, quantum field theory and its applications to cosmology)

Research Facilities

The Institute renders a broad range of services and has an excellent research infrastructure that includes a mechanical workshop, optics workshop, computational workshop and cryogenic facilities. The library has a collection of over 28,000 books and access to the most important research journals through the Web of Science.

Instituto de Química de São Carlos (IQSC)

São Carlos Institute of Chemistry

Av. Trabalhador São-carlense, 400
São Carlos, SP, Brazil
Phone: 55 16 3373 9904
E-mail: ccint@iqsc.usp.br
Website: www.iqsc.usp.br



History

The São Carlos Institute of Chemistry (IQSC) was founded on April 12, 1994 and it is now organized into two departments: the Department of Chemistry and Molecular Physics, and the Department of Physical Chemistry. Professors of both departments have doctoral degrees and most have been research associates abroad. The Institute currently has approximately 300 students in its undergraduate courses and about the same number in its graduate courses.



Francisco Emolo

Undergraduate Courses

IQSC offers undergraduate degrees in Chemistry and a Teacher Education in Science Program. The undergraduate chemistry course reflects concern with a solid foundation in chemistry and provides students with the flexibility needed in their qualifications to improve their job prospects. Students may choose one of the following courses:

- **Fundamental**
- **Technological – with emphasis on:**
 - Quality Management in Chemistry
 - Food Chemistry
 - Environmental Chemistry
 - Materials Chemistry

The degree in Teacher Education in Science prepares students to qualify as elementary and high school teachers.

Graduate Courses

The Graduate Course in Chemistry allows students to choose one of the following research areas:

- Physical chemistry
- Analytic and inorganic chemistry

- Organic and biological chemistry

The Graduate Courses at IQSC are internationally recognized and are the highest ranked in the Brazilian Ministry of Education's evaluations.

Besides the Chemistry Program, the Institute joins other programs at USP São Carlos in projects such as Science and Engineering of Materials, and Bioengineering.

Research at IQSC

The São Carlos Institute of Chemistry carries out basic and applied research in several areas of chemistry. The wide range of scientific interactions with Brazilian and

international institutions and the extensive laboratory infrastructure are two of the cornerstones at the Institute.

The variety and quality of the research carried out rank IQSC as one of the most productive and highly recognized scientific institutions at USP and in Brazil.



Francisco Emolo



Francisco Emolo



Sandra Aparecida Zambon da Silva



Francisco Emolo



São Paulo Campus

Cecilia Bastos
Jorge Maruta

Cecilia Bastos
Marcos Santos

Guilherme Andrade
PRCEU Archive

Marcos Santos
Marcos Santos

The Campus at São Paulo is comprised largely of Cidade Universitária, which means “University City” in English (its full official name is Cidade Universitária Armando de Salles Oliveira). Cidade Universitária is located on the west side of the city of São Paulo, one of the largest urban areas in the world. It was inaugurated in 1968, and houses most of the University’s academic departments and administrative offices. The health complex, in the nearby Pinheiros District, is considered part of the main campus. It includes the Academic Health System: the School of Medicine, the School of Public Health, the School of Nursing and the Institute of Tropical Medicine - São Paulo, as well as a large hospital complex and several other public health

institutions. USP Law School is located in downtown São Paulo, in a traditional and well preserved building of great historical value. The newest part of the USP Campus in São Paulo is the School of Arts, Sciences and Humanities, located in the east side of the city.

Since the São Paulo Campus is located in the most populous city in South America, it is an extremely dynamic place with activities that involve numerous internal and external audiences. Therefore, it participates actively in the life of the city, through its undergraduate and graduate programs, in all areas, producing knowledge and maintaining close ties with Society in general.

Escola de Artes, Ciências e Humanidades (EACH)

School of Arts, Sciences and Humanities

Avenida Arlindo Béttio, 1000
03828-000, São Paulo, SP, Brazil
Phone: 55 11 3091 8913
E-mail: crinteach@usp.br
Website: www.each.usp.br

History



Erika Koch

The School of Arts, Sciences and Humanities (EACH) is one of the youngest schools at USP. It has a single organizational structure and is not divided into academic departments. The aim of the School is to prepare professionals and researchers to develop a complex view of society, culture and science. This position is based on a serious commitment to the development of inter-, multi- and trans-disciplinary perspectives, as well as the pursuit of the innovation of knowledge. Two of the School's key features are its Basic Cycle – a series of studies common to all undergraduate programs – and

the establishment of strong connections with local low-income communities through research projects and extension activities.

Every year, 1,020 students are admitted to undergraduate programs, allocated into morning, afternoon and evening periods. The School currently has approximately 5,000 students in its undergraduate programs and 300 in graduate programs.

Undergraduate Programs

Bachelor's Degree

- Environmental Management
- Gerontology
- Information Systems
- Leisure and Tourism
- Marketing
- Midwifery
- Public Policy Management
- Physical Activity Sciences
- Teacher Certification in Natural Sciences
- Textile and Fashion



Graduate Programs

Master's Degree

- Cultural Studies
- Information Systems
- Modeling Complex Systems
- Public Policy Management
- Social Change and Political Participation
- Sustainability
- Textile and Fashion

Doctoral Degree

- Sustainability



Erika Koch

Research Groups

EACH is committed to promoting the development of approximately fifty research groups with interdisciplinary approaches and close ties to local realities. All of the Research Groups are certified by the National Council for Scientific and Technological Development (CNPq).

Laboratories

USP's School of Arts, Sciences and Humanities has three laboratory buildings dedicated exclusively to teaching and research. The research laboratories, with a total area of 5,000m² (one acre), reflect the idea of an interdisciplinary unit and are used according to the needs of general and specific areas, such as health, molecular biology, analytical chemistry, biodiversity, earth science, environmental technology, education, humanities and textiles. The School also has nine computer labs for graduate and undergraduate students, equipped with wireless Internet connections in all buildings.

Library

The School's library covers an area of 5,000m² (one acre), including tables for reading, research and study, and shelves dedicated to books and journals. The library allows students to consult and borrow from a collection of 47,000 books and scientific journals. 300,000 titles are also available through the 152 virtual electronic databases of the University.

Gymnasium

The gym has two main purposes. It is used for teaching activities in the academic programs and is also available for athletic use by students and members of the local community. With over 3,000m² (almost one acre), the gym has five courts for indoor soccer, handball, basketball, volleyball and other athletic activities, and also serves as a laboratory for studies on human movement.

Escola de Comunicações e Artes (ECA)

School of Communications and Arts

Av. Prof. Lúcio Martins Rodrigues, 443
São Paulo, SP, Brazil
Phone: 55 11 3091 4374
E-mail: eca@usp.br
Website: www.eca.usp.br

History

The School of Communications and Arts (ECA) was founded in 1966 and it is an educational pioneer in its field in Brazil. It has developed its institutional mission of offering education at undergraduate and postgraduate levels, promoting research and artistic production, as well as cultural extension activities. It is organized in eight departments and, together with the School of Drama (EAD), it offers 22 bachelor's degree courses, six graduate programs and one technical-professional course. This combination serves a total of more than 2,800 students, many of whom are from Europe, Latin America and Africa. Its history has also been marked by a trajectory of intense participation on the professional instruction in different segments of the world of communications and arts; an increasing placement of qualified professionals in the work market and a strong involvement in artistic and intellectual production.

Undergraduate Programs

Bachelor's Degrees

- Bachelor of Scenic Arts with major in: Scenography, Stage Direction, Stage Interpretation and Theory of the Theater
- Teaching Degree in Scenic Arts – Artistic Education
- Bachelor in Visual Arts with major in: Sculpture, Engraving, Multimedia and Intermedia and Painting



- Teaching Degree in Visual Arts – Artistic Education
- Bachelor in Library Science
- Degree in Edu-communication
- Bachelor in Social Communication with major in: Journalism or Publishing
- Bachelor in Music with major in: Song and Lyric Art, Composition, Instruments and Conducting
- Teaching Degree in Music – Artistic Education
- Bachelor in Social Communication with major in: Advertising and Publicity or Public Relations
- Bachelor in Tourism
- Bachelor in Audiovisual



Mariana Chama

Graduate Programs

Master's and Doctoral Degrees

- **Audiovisual Media and Processes**
- **Communication Sciences**
 - Theory and Research in Communication
 - Social Communication Interfaces
 - Study of Media and Media Production
- **Information Science**
 - Culture and Information
- **Performing Arts**
 - Theatre Pedagogy
 - Theory and Practice of Theatre
- **Music**
 - Musicology
 - Music-Creation Processes
- **Visual Arts**
 - Visual Poetics
 - Theory, Teaching and Learning

Research at ECA

Because of the diversity of the areas it deals with, ECA is well-known for its proximity to the contemporary world and its pursuit of innovation. In the past four decades of investment in education and scientific research, the School has trained many professionals and high-level researchers, in addition to persons who now hold important public positions around the country.

Research Groups

The School of Communications and Arts has more than 40 Research Groups which deal with all the areas embraced by the Institution. There is a great variety of themes among the Groups, such as Brazilian art, digital media, aesthetics, marketing, photography, soap operas, infoeducation and graphic studies. The Research Groups work as a tool to integrate the mentees into the academic life and to develop their scientific production.



Photos: Mariana Chama



Escola de Educação Física e Esporte (EEFE)

School of Physical Education and Sport

Av. Prof. Mello Morais, 65
São Paulo, SP, Brazil
Phone: 55 11 3091 2247
E-mail: cicinteeefe@usp.br
Website: www.eefe.usp.br

History

The School of Physical Education and Sport (EEFE) was the first civilian institution in the field of physical education in Brazil, founded in 1934. Initially it offered undergraduate courses for teacher qualification. This focus gradually changed, especially when the Master's and Doctoral Programs were set up in 1977 and 1989, respectively. Both programs were pioneers in Latin America. Today, one of the School's main goals is to encourage academic research in order to produce basic and applied knowledge in physical education and sport.

Undergraduate Programs

- Bachelor's Degree in Physical Education
- Teacher's Education Degree in Physical Education
- Bachelor's Degree in Sports

Graduate Programs

- **Master's Degree**
 - Biodynamics of Human Movement
 - Pedagogy of Human Movement
 - Sport Studies
- **Doctoral Degree**
 - Biodynamics of Human Movement
 - Pedagogy of Human Movement



Paula Bassi



Paula Bassi

Research at EEFE

Research is carried out by faculty members, other researchers and specialized technicians. It is often related to projects that lead to Master's Degree Dissertations or Doctoral Theses. Undergraduate students also have the opportunity to engage in scientific training in the laboratories. The School is also involved in international projects through cooperation with partner institutions. Its facilities include laboratories, a vivarium, a library and other types of equipment.

Laboratories and Research Groups

- **Sport**
 - Laboratory of Adaptations to Strength Training
 - Laboratory of Energy Determinants of Sport Performance
 - Laboratory of Social Psychology of Sport
 - Laboratory of Training and Sport for Children and Adolescents
 - Group of Studies on Aerobic Performance
 - Group of Studies on Biological Evaluation of Sport
 - Group of Studies on Children and Youth Training
 - Group of Studies on Martial Arts, Wrestling and Combat Methods
 - Group of Studies on Neuromuscular Adaptations to Strength Training
 - Group of Studies on Planning and Monitoring Physical and Sports Training
 - Group of Studies on Soccer and Futsal
 - Group of Studies on Social Psychology of Sport
 - Group of Studies on Sport for Persons with Disabilities
 - Group of Studies on Sport Management
- **Biodynamics of the Human Body Movement**
 - Laboratory of Nutrition and Metabolism Applied to Exercise
 - Laboratory of Autonomic Control of the Circulation
 - Laboratory of Biochemistry and Molecular Biology Applied to Exercise
 - Laboratory of Biomechanics
 - Laboratory of Exercise Hemodynamic
 - Laboratory of Exercise Physiology and Cardiac Rehabilitation
 - Laboratory of Human Motor Systems
 - Laboratory of Molecular and Cellular Physiology Applied to Exercise
- **Pedagogy of the Human Body Movement**
 - Laboratory of Motor Behavior
 - Laboratory of Pedagogy of the Human Movement
 - Centre for Sociocultural Studies on the Human Movement
 - Group of Studies and Research on Human Movement and Physical Education Pedagogy
 - Group of Studies and Research on Knowledge and Practices for Physical Education Professors
 - Group of Studies and Research on Pregnancy and Physical Activity
 - Group of Studies on Development of the Motor Action and Intervention
 - Group of Studies on Olympic Studies
 - Group of Studies on Physical Education and Collective Health
 - Group of Studies on Physical Education Pedagogy
 - Interdisciplinary Study Group on Soccer
 - Pula Study Group
 - Sport Psychology Observatory

Escola de Enfermagem (EE)

School of Nursing

Av. Dr. Enéas de Carvalho Aguiar, 419
São Paulo, SP, Brazil
Phone: 55 11 3061 7541
E-mail: ccintee@usp.br
Website: www.ee.usp.br



History

The USP School of Nursing (EE) was founded in 1942. Its mission is to educate nurses on graduate and undergraduate levels, to conduct research into health and nursing science, and to implement outreach programs.



Jorge Maruta



Ricardo Castellani / EEUSP Archive

Undergraduate Programs



Ricardo Castellani / EEUSP Archive

The USP School of Nursing offers two undergraduate programs. One leads to a Bachelor's Degree and the other consists of an educational program to train in the Teaching of Nursing.

A Bachelor's Degree in nursing entitles professionals to plan and coordinate nursing assistance, render service to people and groups, and administer personnel and services in nursing and healthcare.

A degree from the Program for Teacher Training in nursing trains teachers to work in high schools and administer technical training courses for nursing, as well as disciplines related to health education.

Graduate Programs

EE has accumulated over 35 years of experience in graduate nursing programs, and its Master's and Doctoral courses are among the most solid in Brazil and Latin America. The School has four graduate programs staffed by over 80 advisors who are experienced researchers working fulltime in teaching and research.

- **Nursing (PPGE – Master's and Doctoral Courses)**
 - Obstetrics and Neonatal Health
 - Pediatrics and Family Health
 - Mental and Psychiatric Health
 - Collective Health
- **Adult Health Nursing (PROESA – Master's and Doctoral Courses)**
- **Nursing Management (PPGEN – Master's and Doctoral Courses)**
- **Nursing (Interunit EEUSP/EERPUSP – Doctoral Course)**

Research at EE

Research activities at USP's School of Nursing are organized into projects conducted by more than 50 Research Groups registered within the National Council for Scientific and Technological Development.



Ricardo Castellani / EEUSP Archive



Ricardo Castellani / EEUSP Archive

Lines of Research

- **PPGE**
 - Public health and human resource policies in nursing and health
 - Health-disease processes of individuals, families, social groups and communities
 - Nursing and health care in the health-disease process
- **PROESA**
 - Care of adult patients with non-transmissible chronic diseases
 - Care of adult patients with acute and critical diseases
 - Technology in adult care
 - Nursing issues and adult care
- **PPGEN**
 - Nursing, and education and management of human health resources
 - Nursing and services management
- **Interunit (EEUSP/EERPUSP)**
 - Epistemology of the health sciences
 - Theoretical and philosophical foundations of care
 - Social and professional practices in health
 - Society, health and nursing

Escola Politécnica (EP)

School of Engineering

Av. Prof. Luciano Gualberto, 380
São Paulo, SP, Brazil
Phone: 55 11 3091 5751
E-mail: crint@poli.usp.br
Website: www.poli.usp.br

History

The School of Engineering (Escola Politécnica) of Universidade de São Paulo is the leading school in its field in Brazil. It is one of the largest in the country, with 8,500 students, 470 faculty members and 500 non-teaching staff. It was founded in 1893, has been a part of USP since 1934, and is now funded by the São Paulo State Government. Its history has run parallel to that of the city of São Paulo, to the extent that the expansion of the coffee plantations and railroads throughout the state in the late 19th century brought increased wealth to the city and was instrumental in its extraordinary growth.

The USP School of Engineering was organized in response to the need to adapt the urban infrastructure of the city of São Paulo to the new demands brought about by the rapid population growth. The first integrated circuit in Latin America was created at the School in 1971. That same year the first Brazilian computer was built in its Digital Systems Laboratory. Research is currently being carried out in areas such as robotics, high-precision machine automation, materials technology and bioengineering.

Research at EP

Approximately 50 research groups and dozens of laboratories are currently functioning at the USP Engineering School, generating knowledge and innovation



in engineering. The graduate school currently has close to 4,000 students enrolled in ten programs, 16 specialized courses and 16 MBA Programs.



Undergraduate Programs

The USP School of Engineering offers courses in the areas of:

- Civil and Environmental Engineering
- Electrical Engineering (with emphasis on Automation and Control, Electronic Systems, Electric Energy and Automation, Telecommunications, and Computing)
- Computer Engineering



- Industrial, Mechanical, Mechatronic, Naval and Ocean Engineering
- Chemical, Materials, Metallurgical, Mining and Petroleum Engineering

There are also several types of programs for foreign students interested in developing study and research activities in:

- Double Degree Programs for students from institutions with which the School of Engineering has this type of partnership
- Opportunities for exchange students to take disciplines in one of its courses
- Master's and PhD Programs
- Periods of training at the School's research laboratories

Graduate Programs

The following Programs and Concentration Areas are currently available on both Master's of Engineering Degrees and Doctor of Engineering Degrees:

- **Mechanical Engineering**
 - Mechanical Control and Automation (Mechatronics)
 - Energy and Fluids
 - Projects and Manufacturing

- Metallurgical and Materials Engineering
- Mineral Engineering
- Naval Engineering
- Production (Industrial) Engineering
- Chemical Engineering
- Transportation Engineering
- Electrical Engineering
 - Systems Engineering
 - Microelectronics
 - Digital Systems
 - Electronic Systems
 - Power Systems
- Civil Engineering
 - Structure Engineering
 - Geotechnical Engineering
 - Civil Construction and Urban Engineering
 - Hydraulic Engineering
- Logistics Systems Engineering (Master's Degree only)



Faculdade de Arquitetura e Urbanismo (FAU)

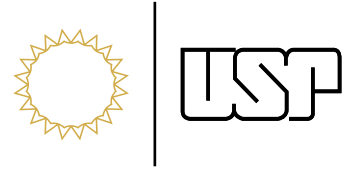
School of Architecture and Urbanism

Rua do Lago, 876
São Paulo, SP, Brazil
Phone: 55 11 3091 1575
E-mail: ccintfau@usp.br
Website: www.fau.usp.br

History

The School of Architecture and Urbanism (FAU) was founded in 1948 and evolved from the former Architecture and Engineering Course at the University's School of Engineering. During the School's early years the technical aspects of the former course remained largely the same, but were gradually enhanced by the curriculum of the National School of Fine Arts. The technical courses were given by engineers, whereas artists became responsible for the so-called "artistic courses". The curriculum reform of 1962, in which professors Vilanova Artigas, Carlos Milan, Lourival Gomes Machado and others actively participated, set down the bases for the educational structure that now applies at FAU's three departments: Project, History of Architecture, and Technology of Architecture. This recognition of architecture as a multiple intellectual space for arts, humanities and technology allowed the School to focus especially on important themes related to the functions of a professional architect without losing sight of the importance of a broad and variegated formation.

As of 2006, besides the existing course in Architecture and Urbanism, the School began offering an additional undergraduate course, namely, the course in Design. It operates under the same intellectual spirit as that of architecture and deals with emerging questions in



contemporary society. The most important questions are those related to the demand for interactivity and digital and electronic platforms, and the need to fulfill the demands of different segments in society. For this to happen, it was necessary to enlist fundamental backing from three of USP's most renowned schools, the School of Engineering, the School of Communications and Arts, and the School of Economics, Business and Accounting. The course in Design offers a unique array of disciplines, with the main professional focus being product design and visual design.



Undergraduate Programs

- Architecture and Urbanism
- Design

Graduate Programs (MSc and PhD)

- Technology of Architecture
- History and Fundamentals of Architecture and Urbanism
- Design and Architecture
- Landscape and Environment
- Project, Space and Culture
- Habitat
- Architectural Project
- Urban and Regional Planning

Lines of Research

The outstanding characteristics of research carried out at FAU is its central concern with Brazil's urban and social structure, in conjunction with the importance of this field worldwide. The need to carry forward concrete proposals of action in these areas shows that the distance between research and professional activities is very short.

Research and Laboratory Centers

- NAP-PLAC – Research Support Center - Production and Language of Built Environments
- NUTAU – Research Center for Architectural Technology and Urbanism

- INFURB – Center for Urban Information Research
- LABSUS – Laboratory on Sustainable Buildings
- LABAUT – Laboratory on Environmental Comfort and Energy Efficiency
- LUME – Laboratory on Urbanism in Large Cities
- LABFAU – Laboratory in the Fundamentals of Architecture and Urbanism
- LABTRI – Laboratory on Three-dimensional Models
- LABARQ – Laboratory on Informatization of Archives
- LAP – Laboratory on Studies on Urbanism, Architecture and Conservation
- QUAPA – Studies on Landscaping in Brazil
- LABCIDADE – Laboratory on Public Space and Rights to the City
- LABCOM – Laboratory on Commerce and the City
- LABDESIGN – Laboratory on Product Designing and Built Environments
- LABHAB – Laboratory on Housing and Human Settlements
- LABIM – Laboratory on the Images of Urban Visual Communication
- LABINDUS – Laboratory on Industrialization
- LABNAV – Laboratory on Design and Technology of Vessels and their Operational Support Systems
- LABPARC – Laboratory on Landscape, Art and Culture
- LABPLAN – Laboratory on Urban and Regional Planning
- LABPROJ1 – Laboratory on Designing Built Spaces 1
- LABPROJ2 – Laboratory on Designing Built Spaces 2
- LABVERDE – Green Laboratory
- LABVISUAL – Visual Design Laboratory

Faculdade de Ciências Farmacêuticas (FCF)

Faculty of Pharmaceutical Sciences

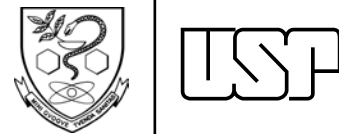
Av. Prof. Lineu Prestes, 580
São Paulo, SP, Brazil
Phone: 55 11 3091 3674
E-mail: fcf@usp.br
Website: www.fcf.usp.br

History



The Faculty of Pharmaceutical Sciences is one of the most important centers of teaching and research in its field in Brazil. It offers extension courses and organizes projects in conjunction with the local community. The objectives of the Faculty are the following:

- To teach at the Undergraduate and Graduate levels and provide specialization and academic extension
- To develop research related to the areas of Pharmacy and Biochemistry



- To offer services to society based on the knowledge of Pharmacy and Biochemistry

Departments

- Food and Experimental Nutrition
- Clinical and Toxicological Analysis
- Pharmacy
- Biochemical and Pharmaceutical Technology

Undergraduate Course

- Pharmacy and Biochemistry, which comprises the following areas:
 - Health care
 - Pharmaceutical technology
 - Administration and regulatory affairs

Graduate Programs

- Food Science
- Biochemical and Pharmaceutical Technology
- Drug and Medicines
- Clinical Analysis
- Toxicology

Research at FCF

The Faculty of Pharmaceutical Sciences is recognized both nationally and internationally for its research activities, especially its graduate programs which enjoy a national reputation for excellence.

- Food Science and Experimental Nutrition
 - Food Science
 - Experimental Nutrition
 - Biochemistry of Nutrition
 - Food Biochemistry
 - Nutrigenomics
- Clinical Analysis
 - Clinical Analysis
 - Pathophysiology of Diseases
 - Technology Applied to Diagnoses
 - Epidemiological Markers and Diagnoses

- Toxicology and Toxicological Analysis
 - Toxicology and Toxicological Analysis
 - Experimental Toxicology
 - Environmental and Occupational Toxicology
- Pharmacy
 - Drug delivery and Biopharmaceutical Technology
 - Medicinal Chemistry
 - Pharmaceutical and Biomaterials Quality Control
 - Cosmetology
 - Pharmacognosy
 - Pharmacotherapy and Clinical Pharmacy
 - Pharmacoeconomics
- Biochemical and Pharmaceutical Technology
 - Food Technology
 - Fermentation Technology
 - Chemical and Pharmaceutical Technology
 - Modeling and Optimization Process
 - Enzyme and Fermentation Processes for Obtaining and Applying Bioproducts



Faculdade de Direito (FD)

Law School

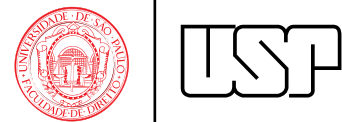
Largo São Francisco, 95
São Paulo, SP, Brazil
Phone: 55 11 3111 4000
E-mail: fd@usp.br
Website: www.direito.usp.br

History



Francisco Emolo

The idea of founding a course in Law in Brazil first came up in 1822, shortly after Brazil's Declaration of Independence. On August 11th, 1827, the Emperor Pedro I created, in fact, two Law Schools, one in the city of São Paulo, capital of the State of São Paulo, and the other in the city of Olinda, in the northeastern State of Pernambuco. The Academy on São Francisco Square (Largo de São Francisco) still operating today on the same site, in Downtown São Paulo, was opened on March 1st, 1828, and the School in Olinda soon after. More than 100 years later, on August 10th, 1934, Brazilian President Getúlio Vargas officially incorporated the school into the recently established Universidade de São Paulo.



The School's historical building continues to be one of the major landmarks in Downtown São Paulo, with its "Students Room", where many important events take place, and the "Noble Room", where academic events, commemorations and solemnities are held, especially those of a political nature. The famous "Patio of Arches", around the central court of the School, is popularly known as the *Arcadas*, which means "The Arches".

Departments

The Law School is comprised of nine departments, which are responsible for academic planning and courses at the undergraduate and graduate levels:

- Private Law
- Commercial Law
- Criminal Law, Forensic Medicine and Criminology
- Economic, Budget and Tax Law
- International Law
- Public Law
- Labor Law and Social Security Law
- Legal Philosophy and Legal Theory
- Legal Procedures

Undergraduate Program

Every year 460 students are admitted to the Law School for a five-year Undergraduate Course. During the first eight semesters students must take general compulsory disciplines. The last two semesters are reserved for further study into one of the following five areas: 1) Political and Administrative Law, 2) Criminal Law, 3) Private Law and Civil Procedure, 4) Commercial Law, or 5) Labor Law and Social Security Law. Students may also follow a "free-area" program, comprised entirely of elective disciplines.



Marcos Santos



Marcos Santos

Graduate Programs

Since 1972 the USP Law School has offered *stricto sensu* graduate studies in all areas of Law, the program being divided into two levels: Master's and Doctoral.

The areas offered are:

- Private Law, including Roman Law and The History of Law
- Commercial Law, including Anti-Trust, Economic and Financial Law, and Tax Law
- Public Law, including General Theory of the State, Constitutional and Administrative Law
- International Law, including International Public Law, International Private Law and International Trade
- Criminal Law, including Criminology and Forensic Medicine
- Procedural Law
- Labor Law, including Social Security Law
- Philosophy of Law and Legal Theory, including The History of Law and Legal Sociology
- Human Rights



Francisco Emolo

Faculdade de Economia, Administração e Contabilidade (FEA)

School of Economics, Business and Accounting

Av. Prof. Luciano Gualberto, 908
São Paulo, SP, Brazil
Phone: 55 11 3091 6075
E-mail: fea@usp.br
Website: www.fea.usp.br

History

The School of Economics, Business and Accounting (FEA) of Universidade de São Paulo is an internationally recognized teaching and research institution, known for its excellence in academic production and Undergraduate and Graduate Programs.

The School was founded in 1946 to prepare professionals in a nation whose economy was in a process of democratization following World War II. Its goal has always been to train professionals who might be able to contribute to society and make a positive difference.



Cecilia Bastos



Decades after its founding, FEA continues to set national and international standards in its fields. The School keeps up with the high standards of the University and combines its knowledge of Brazilian reality with the methodology of recognized international institutions in order to prepare economists, administrators, accountants and actuarial specialists.

Features

The contribution from the School's alumni to the development of Brazilian society is proof of its excellence. In public and private sectors, graduates have stood out by becoming prominent executives in important companies or following academic careers.

In its constant search for innovation and modernization, FEA has organized a unique group of PhD professors with international experience and vast research knowledge. These professors have helped the School become a hallmark in the thorough preparation of students by creating new teaching and research methods through the continuous recycling of its faculty and its curricular program.

FEA students have the opportunity to interact with other top international teaching institutions. The School has ongoing partnerships with reputed institutions around the globe and is constantly seeking new alliances in its efforts to stimulate the exchange of ideas and the production of knowledge, thus providing its students with broader opportunities.

FEA's contribution to Brazilian society is an important aim. The School is working to strengthen its relationship with society through extension programs that reach all sectors, both public and private, with special attention to poor communities.

Graduate Studies/Research Areas

- **Economics**
 - Theory of Economics
 - Economics of Institutions and Development
- **Management**
 - Strategy and Innovation
 - Finance
 - Marketing
 - Quantitative Methods
 - Operations
 - Economics of Organizations
 - Human Resources Management
- **Accounting and Actuarial Science**
 - Controlling and Management Accounting
 - Accounting for Outside Users
 - Financial and Stock Markets
 - Accounting Education and Research

- **Student Activities**
 - Undergraduate students take part in academic activities, management, sports, and consulting projects, advised by faculty and graduate students.
 - Junior Consulting Company (FEA Jr), operated by students of the School
 - The Student Union (Centro Acadêmico Visconde de Cairu)
 - The Athletic Association
 - Tutorial Education Program
 - Scientific Initiation
 - Community Extension Services



Francisco Emolo



Communication and Development/FEA

Faculdade de Educação (FE)

School of Education

Av. da Universidade, 308
São Paulo, SP, Brazil
Phone: 55 11 3091 3517
E-mail: fe@usp.br
Website: www.fe.usp.br

History

The School of Education was founded in 1933 and, soon after, was incorporated into Universidade de São Paulo, becoming the University's Education Department. It was later renamed the Department of Education of the Faculty of Philosophy, Languages and Literature, and Human Sciences.

After the University Reform Law of 1968 and the enactment of new by-laws for the University, in 1969, the Department was dismembered and USP's School of Education (FE) was established.

The School of Education today

FE carries out activities in its Undergraduate Program (Education and Teacher Training), its Graduate Program and the Extension Program. The School is comprised of three departments:

- Department of School Administration and Economy of Education (EDA)
- Department of Philosophy of Education and Educational Sciences (EDF)
- Department of Teaching Methodology and Comparative Education (EDM)



Office of Communications and Media

Undergraduate Program in Education

The course in Education, which lasts four and a half years, awards Bachelor's Degrees.

Undergraduate Program in Teacher Training

The School prepares its students to work in elementary and secondary schools in partnership with other institutes, colleges and schools at Universidade de São Paulo. The School also prepares its students to work as specialists in school administration policies.

Graduate Program

The School's *Stricto Sensu* Graduate Program is ranked among the best in the country, according to the CAPES Assessment Index.

The program has the following lines of research:

- Culture, organization and education
- Didactics
- Teaching theories and school practices
- Special education
- Teaching of sciences and mathematics
- State, society and education
- Philosophy and education
- The history of education and historiography
- Language and education
- Psychology and education
- Sociology and education



Cecilia Bastos

Laboratories, Centers, Groups and Museum

- Laboratory on Toys and Pedagogical Materials – LABRIMP
- Laboratory on Human Sciences
- Laboratory on Education and Environment – TEIA
- Laboratory on the Teaching of Biological Sciences
- Laboratory on Teaching and Research in Physics – LAPEF
- Laboratory on Studies and Research into Childhood, Psychoanalysis and Education – LEPSI – IPUSP/FEUSP
- Experimental Art-Education & Culture Laboratory – Lab_Arte
- Laboratory on Reading and Creative Expression – LALEC
- Laboratory on Mathematics – LABMAT
- Laboratory on Teaching Practices in Chemistry – LAPEQ
- Center for Studies on the Imaginary, Analysis of Group Culture and Education Research – CICE
- Center for Studies and Research on Language Teaching – CEPEL
- Center for Studies and Research on Public Policies in Education
- Education Memory Center – CME
- Interdisciplinary Group on Study and Research into the History of Education – NIEPHE
- Study Group on Children's Literature
- Museum of Education and Toys – MEB
- Children Working in the Math Club – Laboratory on Mathematics
- Educational Laboratory on Special Education – LADESP
- Educational Laboratory on School Administration and Policy – LADPAE

Faculdade de Filosofia, Letras e Ciências Humanas (FFLCH)

Faculty of Philosophy, Languages and Literature, and Human Sciences

Rua do Lago, 717
São Paulo, SP, Brazil
Phone: 55 11 3091 4588
E-mail: fflch@usp.br
Website: www.fflch.usp.br

History

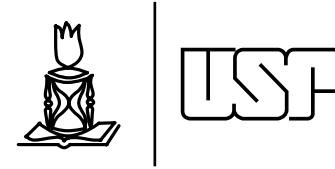
USP's Faculty of Philosophy, Languages and Literature, and Human Sciences (FFLCH) is one of the most important centers of teaching and research in the area of humanities in Brazil. It also offers extension courses and organizes joint projects with the outside community.

The Faculty is the largest of all institutions of Universidade de São Paulo with five programs offering 381 courses to over 20,000 students.

In addition, a large number of lectures and debates are held on a vast range of topics, organized by both professors and students.

Research at FFLCH

The Faculty of Philosophy, Languages and Literature, and Human Sciences is recognized nationally and internationally for its research activities, based principally in the graduate programs, which have about 3,000 students in 26 Master's of Arts Programs and 25 PhD Programs. Many of the programs receive high rating from CAPES, of the Brazilian Ministry of Education. The Faculty also participates



in approximately 93 international cooperation partnerships. Each of the School's professors publishes a yearly average of 2.5 articles in refereed journals.

Research Centers

- Centre for Studies in the History of Latin America
- Center of Mesoamericans and Andins Studies
- Center of Atlantic Documentation
- History's Science Center
- African Studies Center
- Citizenship's Right Studies Center
- Rural and Urban's Studies Center
- Center for the Study of Contemporary Religiosities and Black Cultures
- Amerindian Studies Center
- Center of International Negotiation Studies
- Arab Studies Center
- Linguistic Historiography Documentary Center
- Center for Jewish Studies
- Center for Japanese Studies

- Language Learning Center
- Center for Studies in the Portuguese Language, Culture and Literature
- Interdepartmental Center on Translation and Terminology
- Angel Rama Center

Undergraduate Programs (Bachelor's and Teacher Education Programs)

- Geography
- Language and Literature
- History
- Philosophy
- Social Sciences

Graduate Programs

- **Anthropology**
- **Sociology**
- **Political Science**
- **Philosophy**
- **Geography**
 - Human Geography
 - Physical Geography
- **History**
 - Social History
 - Economic History
- **Humanities, Rights and other Legitimacies**
- **Linguistics**

- **Classical and Vernacular Languages**
 - Comparative Studies in Literatures in Portuguese
 - Philology and Portuguese
 - Classics
 - Brazilian Literature
 - Portuguese Literature
- **Modern Languages**
 - German Language and Literature
 - Spanish Language and Literature and Spanish-American Literature
 - Linguistics and Literary Studies in English
 - French Language and Literature
 - Italian Language and Literature
 - Translation Studies
- **Oriental Languages**
 - Arabic Language, Literature and Culture
 - Hebrew, Jewish Literature and Culture
 - Japanese Language, Literature and Culture
 - Russian Language, Literature and Culture
- **Literary Theory and Comparative Literature**



Cecilia Bastos

Faculdade de Medicina (FM)

School of Medicine

Av. Dr. Arnaldo, 455
São Paulo, SP, Brazil
Phone: 55 11 3061 8447
E-mail: intercambio.crint@fm.usp.br
Website: www.fm.usp.br

History

Founded in 1912/1913 and incorporated into Universidade de São Paulo in 1934, the USP School of Medicine (FM) is considered the most traditional and most respected medical school in Brazil. During its one hundred years of existence, it has earned an undisputed place in the development of education and research and in the application of this knowledge to improve the health of the population.



Cecilia Bastos



Teaching Hospital of the School of Medicine

The Teaching Hospital of the State of São Paulo was built in 1944, across the avenue from the USP Medical School. Today the system of USP's Medical School and Teaching Hospital is the largest of its type in the country and, besides the Medical School itself, it includes institutes specialized in system tertiary health care.



Jorge Maruta

Structure and Composition

The School of Medicine consists of the following institutions:

- The School of Medicine (Escola de Medicina da Universidade de São Paulo) with 17 departments, 350 professors and 600 technical/administrative employees
- A 2,522-bed Hospital System consisting of eight specialized institutes for tertiary medicine, as well as two auxiliary hospitals and two units dedicated to all treatment needed by HIV/AIDS patients. The system has 15,581 employees, 2,600 of whom are physicians
- The Medium Complexity Teaching School, responsible for providing secondary level health care to local communities
- Butantã School Health Center, which delivers primary health care to neighboring communities



Cecilia Bastos

- Institute of Tropical Medicine, dedicated to the teaching of and research into infectious and parasitic diseases

- Emílio Ribas Hospital, specialized in infectious diseases
- Western Region Project (Projeto Região Oeste), responsible for reorganizing and operating health services in the Western District of São Paulo
- Sixty-two clinical investigation laboratories, responsible for research activities in many different fields of health
- Medical School Foundation and Zerbini Foundation, non-public institutions that operate with rapidly functioning administrations for greater speed and efficiency, as well as for fundraising

Teaching, Education and Research



Francisco Emolo

A little more than 7% of all the research in health and the biomedical sciences in Brazil is carried out at the USP Medical School System. This outstanding output is the work of 1,400 undergraduate students (in Medicine, Physical Therapy, and Speech and Occupational Therapies), as well as 1,700 graduate students in 27 Master's and Doctoral Programs, advised and tutored by 666 professors, and approximately 1,000 residents of all specialties.

Faculdade de Medicina Veterinária e Zootecnia (FMVZ)

School of Veterinary Medicine and Animal Science

Av. Dr. Orlando Marques de Paiva, 87
São Paulo, SP, Brazil
Phone: 55 11 3091 7757
E-mail: ccint-fmvz@usp.br
Website: www.fmvz.usp.br

History



FMVZ Archive

The School of Veterinary Medicine and Animal Science (FMVZ) is one of the most important centers of teaching and research in this area in Latin America. Founded in 1919 and incorporated into Universidade de São Paulo in 1934, the School was among the University's founding institutions. Today it is an advanced center for research, education and community services, offering one course of veterinary medicine and seven graduate programs to about 1,000 students. Its facilities are distributed between two *campi*: São Paulo and Pirassununga. The Veterinary Hospital is the largest of its kind in Latin America, with over 40,000 treatments – on small and large, domestic and wild animals – and 50,000 clinical laboratory assays per year.



The School's library has over 110,000 books and journals from all over the world. Besides the laboratories and teaching facilities, Pirassununga Campus offers excellent conditions for studies in Animal Husbandry, Animal Reproduction, Animal Nutrition and Feed Technology.

The School

Currently, FMVZ has 101* faculty members, among assistant, associate and full professors, more than 90%* with at least PhD. Several of the faculty members have received awards from the National Council for Scientific and Technological Development (CNPq) for excellence in research productivity.



FMVZ Archive

Course offered

- Veterinary Medicine

Graduate Programs

- Anatomy of Domestic Animals
- Veterinary Surgery
- Clinical Sciences
- Experimental Epidemiology Applied to Zoonosis
- Animal Nutrition and Production
- Comparative and Experimental Pathology
- Animal Reproduction



Cecilia Bastos

Research at FMVZ

Research carried out at the School of Veterinary Medicine and Animal Science is recognized both nationally and internationally, mainly based in the graduate programs, which have 584* students in 7 MSc and 7 PhD programs, many of which are top-rated by the Coordination for

Enhancement of Higher Education Personnel, of the Brazilian Ministry of Education (CAPES).

Besides its role as an important teaching public institution, FMVZ has also a large number of scientific production, around of 400* per year, national and international.

Research Centers

- Research Center in Toxicology (CEPTOX-VPT)
- Biotechnology Center in Animal Reproduction (CBRA-VRA)
- Veterinary Teaching Hospital (HOVET)
- Veterinary Orthopedics
- Nutritional and Metabolic Diseases of Ruminants

Veterinary Medicine Residency and Internship Programs

FMVZ/USP has veterinary residents distributed among residency and internship programs:

- Residency: Pathological Anatomy; Internal Medicine and Surgery on Large Animals (Equine and Ruminants); and Internal Medicine and Surgery on Small Animals.
- Internship: Pathological Anatomy; Internal Medicine and Surgery on Large Animals (Equine and Ruminants); Internal Medicine and Surgery on Small Animals; Preventive Veterinary Medicine, which includes animal care, hospitalization and basic laboratory tests at the Veterinary Teaching Hospital (HOVET) and Avian Medicine.

*Data related to February 2013.

Faculdade de Odontologia (FO)

School of Dentistry

Av. Professor Lineu Prestes, 2227
São Paulo, SP, Brazil
Phone: 55 11 3091 7860
E-mail: dirfo@usp.br
Website: www.fo.usp.br

History



Jorge Maruta

The USP School of Dentistry (FO) has been one of the most important centers for research, teaching and clinics in Dentistry in Latin America for over 110 years. In 1904 the school moved to Downtown São Paulo and, in 1934, became a part of the University. During this entire period, improvements and advances were made. Undergraduate education has changed through the impact of new ideas, and graduate programs have grown and are now ranked among the best in the country. Levels of excellence have also been achieved.

Currently, FO carries out many different types of dental treatment, with approximately 211,000 appointments each year. This aspect of the School's routine is related to its commitment to University Extension Programs.



The infrastructure of the clinical area consists of new installations with 202 chairs, five classrooms with seating for one hundred persons each, and two multidisciplinary laboratories, one on the upper level, for 116 students, and the other on the lower level, for 140 students. The facilities also include the Specialty Clinics, a Special Laboratory for Lasers in Dentistry (LELO), the Special Care Dentistry Center (CAPE), the Clinic of Maxillofacial Prosthesis, the Dental Division of the University Hospital, Public Health in Dentistry, the "Ageing and Smiling" Project for elderly patients, Pathological Surgery Service, Clinics in Pediatrics and Orthodontics, the Center for Dental Trauma (CADE), and Graduate Clinics.

The School also offers extension courses and joint projects with the outside community. There are currently over five International Partnerships and four Double Diploma Programs in operation.

Departments

FO is comprised of seven departments, where 163 professors work in teaching, clinical work and research. There are also 209 staff members who provide the backup services needed for the school's operation.

Undergraduate Programs

754 students attend the daytime and evening courses. Since 1934, a total of 8,744 students have graduated from the institution.



Nikolas Gunkel

Research at FO

The research conducted at the School is recognized both in Brazil and internationally. Many different facilities are used for clinical and laboratory research, such as the Oral Biology Laboratory, the Special Laboratory on Lasers in Dentistry, the Molecular Pathology Laboratory, Stem Cells and the new Clinical Research Center. There are five graduate programs with approximately 350 students in Master's and PhD Programs. In addition, postdoctoral work is encouraged by professors. Areas include:

- **Odontological Sciences**
 - Dentistry
 - Oral diagnosis
 - Dental materials
 - Pathology and stomatology
 - Sciences

Research Centers

The School of Dentistry has 29 laboratory research centers and clinics. Currently over 100 research projects are underway and undergraduate students in the scientific initiation programs are continuously encouraged to do research.



pingo no i publicidade



pingo no i publicidade

Faculdade de Saúde Pública (FSP)

School of Public Health

Av. Dr. Arnaldo, 715
São Paulo, SP, Brazil
Phone: 55 11 3061 7104
E-mail: crint@fsp.usp.br
Website: www.fsp.usp.br

History

The School of Public Health (FSP) has its origins in 1918, in the laboratory of Hygiene and the Course Hygiene and Preventive Health Care, part of the School of Medicine. In the 1940's it became the School of Public Health of Universidade de São Paulo and in 1969 it began offering graduate programs.

Over the years, the courses have been updated to make them more dynamic and to better qualify students to face the problems of public health in developing regions. In addition, new subjects were introduced to the curriculums, such as those related to the field of global health.

Mission

The School's mission is to produce and spread knowledge, as well as to instruct the population on public health and nutrition, through research, teaching and extension programs. In this way, FSP aims at contributing to the improvement of the health conditions of the population and the formulation of public policies.

Undergraduate Programs

- Nutrition (as of 1939)
- Public Health (as of 2012)



Jorge Maruta



Adilson Manoel Godoy

Graduate Programs



Adilson Manoel Godoy

- Public Health - Master's and PhD
- Nutrition in Public Health - Master's and PhD
- Global Health and Sustainability - PhD
- Environment, Health and Sustainability - Professional Master's

Academic Extension Courses

The School offers specialization courses aimed at university-level professionals, namely:

- Interdisciplinary questions in Public Health
- Women's Health at Menopause
- Sanitary Food Surveillance
- Sanitary Law
- Psychopathology and Public Health
- Health Economy
- Human Resources in Health Management

Summer Program: In January and February of each year the School offers refresher courses on important themes in public health.

Research at FSP

The School's scientific production in public health and nutrition is one of the most important in Brazil and is recognized both nationally and internationally.

Research and Collaborating Centers

- Healthy Cities Center
- Brazilian Center for Disease Classification
- Center for Sanitary Law
- Center for Epidemiological Research in Nutrition and Health
- Advanced Center for Medical Entomology at Pariqueira-Açu
- *Geraldo de Paula Souza* Health Center
- Special Health Service in Araraquara
- Center for Research on Ageing



Adilson Manoel Godoy

Instituto de Astronomia, Geofísica e Ciências Atmosféricas (IAG)

Institute of Astronomy, Geophysics and Atmospheric Sciences

Rua do Matão, 1226
São Paulo, SP, Brazil
Phone: 55 11 3091 4752
E-mail: crintiag@usp.br
Website: www.iag.usp/international

History

The Institute of Astronomy, Geophysics and Atmospheric Sciences (IAG) is one of the leading academic and research centers in Brazil. The Institute has 75 faculty members, 400 undergraduate students and 150 graduate students (60 in the Master's Program and 90 in the PhD Program). All are involved in making their academic and research activities vigorous and dynamic. Basic and applied research activities are also conducted by post-doctoral fellows at several laboratories operated by highly qualified technical staff. Research projects are multi- and inter-disciplinary and many are involved in partnerships with Brazilian and international research centers, universities, companies and governmental organs.



Jorge Maruta



Undergraduate Programs

- Astronomy
- Geophysics
- Meteorology

Graduate Programs (MSc and PhD)

- **Astronomy**
 - Fundamental Astronomy
 - Celestial Dynamics
 - Planetary Systems



Luciana H.Y.Silveira

- Astrobiology
- Stellar Astrophysics
- Interstellar Medium
- Extragalactic Astronomy
- Cosmology
- **Geophysics**
 - Solid-Earth Geophysics: Seismology, Tectonophysics, Nuclear Geophysics, Gravity, Geomagnetism, Paleomagnetism
 - Applied Geophysics: Seismic Methods, Potential Field Methods, Electrical and Electromagnetic Methods, Radiometric Methods, GPR, Biogeophysics
- **Meteorology**
 - Air Pollution
 - Atmosphere-Biosphere-Ocean Interactions
 - Biometeorology
 - Climate Change
 - Climatology
 - Clouds, Precipitation and Electricity
 - Hydrometeorology and Radar
 - Micrometeorology
 - Remote Sensing of the Atmosphere (aerosols and precipitation)



Luciana H.Y.Silveira

Research at IAG

As part of their research training, one third of the PhD students at the Institute spend up to two years working in partnerships with important research groups or laboratories in Europe or North America. The results of the main research projects and theses are published in highly respected journals. The three graduate programs at the Institute are given top ranks by the Earth Sciences and Physics-Astronomy Committees of the Graduate Program Commission of the Brazilian Ministry of Education (www.capes.gov.br).

Telescopes and Observatories

- SOAR Telescope - The Southern Astrophysical Research
- GEMINI Observatory
- GTS – Geophysical Test Site
- São Paulo Meteorological Station
- USP - Valinhos Astronomical Observatory



Luciana H.Y.Silveira

Instituto de Biociências (IB)

Institute of Biosciences

Rua do Matão, trav. 14, nº 321
São Paulo, SP, Brazil
Phone: 55 11 3091 7515
E-mail: ib@usp.br
Website: www.ib.usp.br

History

When Universidade de São Paulo was founded in 1934, it included the departments of Biology, Botany, Physiology and Zoology. In 1969, these four departments were brought together to form the Institute of Biosciences (IB). In 1970, the Institute consisted not only of members of those departments, but also professors from related courses of different university units, especially botanists from the Faculty of Pharmaceutical Sciences, and geneticists from the School of Medicine.

The Department of General Ecology was founded in 1976, staffed largely by professors from the Institute who were focused on ecological studies.

The Undergraduate Program offers 120 vacancies every year, 60 for full-time study and 60 for evening classes. The Institute has 111 Professors for approximately 800 undergraduate students, 440 graduate students and 40 post-docs.

Undergraduate Program

Bachelor's and Teaching Degrees

- Biology



Jorge Maruta



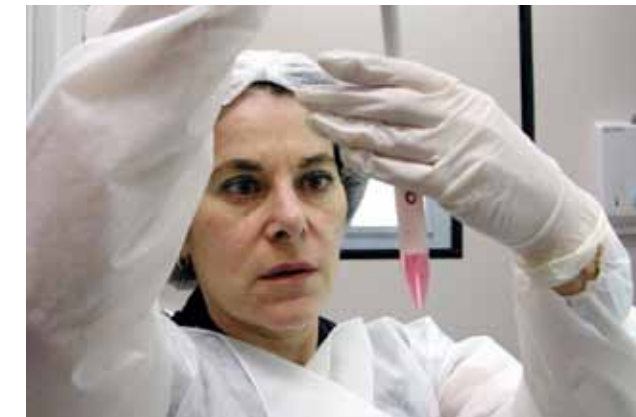
Cecilia Bastos

Graduate Programs

- Botany
- Ecology
- Physiology
- Genetics and Evolutionary Biology
- Zoology
- Interunit Program in Science Teaching



Francisco Emolo



Cecilia Bastos

Research at IB

The Institute of Biosciences has a long tradition of scientific research focused on living organisms, investigating their morphology, biology, evolution and interrelationships with the environment. IB is also an important center for human genetics, stem-cell research and studies on the origin and evolution of man in the Americas.

The Institute's five departments own modern equipment that provides infrastructure for approximately 70 different areas of research. Projects rely on financial backing from different funding agencies, both Brazilian and international.

The research carried out has a multidisciplinary character, employing and interconnecting different paradigms in the study of life. Besides individual research programs maintained by professors, IB has participated in broader integrated projects of great importance, such as those that led to the sequencing of the entire genome of *Xyllela*, *Xanthomonas*, and sugar-cane and those related to biodiversity (BIOTA/FAPESP, The Virtual Institute of Biodiversity). Members of the Institute also participate in research on the Human Genome (The Human Genome Research Center – HGRC) and Global Climate Change (FAPESP Research Program on Global Climate Change RPGCC). Researchers from the Institute recently helped set up the BIOEN-FAPESP (FAPESP Program for Research on Bioenergy).

Research Center

- The Human Genome Research Center (HGRC)

Instituto de Ciências Biomédicas (ICB)

Institute of Biomedical Sciences

Av. Prof. Lineu Prestes, 2415
São Paulo, SP, Brazil
Phone: 55 11 3091 7438
E-mail: icbsedir@icb.usp.br
Website: www.icb.usp.br

History

Founded in 1969, the Institute of Biomedical Sciences (ICB) is a scientific institution widely recognized for its excellence in teaching and its reputation as a major Brazilian research center. It has highly rated science programs in the Biomedical Sciences and Pre-clinical Medicine, administered by important departments, including Anatomy, Cell and Developmental Biology, Immunology, Physiology and Biophysics, Microbiology, Parasitology and Pharmacology. The Institute's main lines of research include tumor biology, neurosciences, cell signaling, infection and inflammation, oxidative stress, parasite-host interactions, cardiovascular and metabolic disorders.

Undergraduate Programs

The 21 Undergraduate Courses (including the Molecular Sciences Program) given at the Institute by 16 Schools take in approximately 4,500 students each year. The Institute also offers professional education in Fundamental Health Sciences and Biomedical Sciences (Bachelor's Degrees). Students are required to attend classes and carry out laboratory research. They may also participate in research training activities, which involve pure basic science or human/animal health. These programs are aimed especially at stimulating critical thinking, team work and scientific problem-solving skills.



Maria Lucia de Campos Motta



Francisco Emolo

Graduate Programs

ICB offers eight Master's and Doctoral Degree Programs. Their purpose is to equip young scientists to make an impact on future innovation in developing specialized applications in the medical and biomedical context. A number of topics are covered by the graduate programs, such as:

- Morphofunctional Sciences
- Cell and Tissue Biology
- Microbiology
- Pharmacology
- Human Physiology
- Immunology
- Host-pathogen Interactions
- Biotechnology (inter-unit Program)

All academic supervisors have well-equipped laboratories in which to carry out their research.



Cecilia Bastos

Research at ICB

The Institute's staff includes academic personnel, postdoctoral fellows, and technical and administrative personnel. The 160 members of the academic staff work on a broad range of research topics in the biomedical and life sciences.

Virtually all of the Institute's faculty members have benefited from state, federal and/or international postdoctoral grants. Many of the research laboratories use shared facilities, such as animal housing, core laboratories for automated DNA sequencing, electron and confocal microscopy, high-pressure liquid chromatography and mass spectrometry.

The scientific output of the Institute of Biomedical Sciences consists basically of over 400 international peer-reviewed articles per year. Graduate and undergraduate students co-author many of these scientific papers. Up to 2012, ICB had 48 patent applications.



Francisco Emolo

Instituto de Física (IF)

Institute of Physics

Rua do Matão, Travessa R, 187
São Paulo, SP, Brazil
Phone: 55 11 3091 6681
E-mail: crint@if.usp.br
Website: www.if.usp.br

History

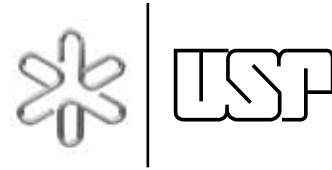
Research in the area of Physics began at about the same time that USP was founded, in 1934. After the World War II several important pieces of equipment were installed in São Paulo, including the first nuclear accelerators (a Betatron in 1948 and a Van der Graff in 1955) and the first electron microscope in Brazil (1948). The Institute of Physics (IF) was formally set up in 1970. Today, the Institute's staff members (about 150 PhDs on the faculty and 300 technicians) work in almost all areas of experimental and theoretical physics.

Undergraduate Programs

These programs include both Bachelor's and Teacher Education. Currently 1,500 students are enrolled in the two programs. A yearly average of 150 degrees is conferred.

Graduate Programs

Master's of Sciences (MSc) and PhD Programs are offered in almost all areas of Theoretical and Experimental Physics, as well as in Physics Teaching. Both sections have received top ratings from the Coordination for Enhancement of Higher Education Personnel, of the Brazilian Ministry of Education (CAPES). Today 500 students are enrolled in these two programs and every year 70 MSc and 30 PhD degrees are awarded.



Francisco Emolo



Cecilia Bastos

Research at IF



Cecilia Bastos

There are three large experimental pieces of equipment at USP's Institute of Physics, all of which are the only equipment of their kind in the country: the Pelletron Accelerator, the Tokamak, and the Microtron Accelerator.

Research is carried out in six departments in the areas listed below:

- **Department of Nuclear Physics**
 - Experimental study of nuclear structures
 - Experimental study of nuclear reactions
 - Nuclear astrophysics
 - Theoretical aspects of nuclear physics
 - Applied nuclear physics
 - Dosimetry
 - Radiation damage in medical physics
- **Department of Applied Physics**
 - Plasma physics
 - Crystallography
 - Diamond-thin films
 - Physics of air pollution
- **Department of Materials**
 - Low temperatures
 - High magnetic fields
 - Magnetic films of industrial interest
 - New epitaxial semiconductor materials
 - Electronic properties of materials
 - Semiconductors and superconductivity
- **Department of Mathematical Physics**
 - High-energy collider physics
 - Gravitation and cosmology
 - Neutrino physics
 - Superstrings
 - Physics beyond the standard model
 - Mathematical physics
 - Quantum field theory
 - Theory of many-body systems
 - Complex and non-linear systems
- **Department of General Physics**
 - Instrumentation for experimental high-energy particle physics
 - Electron microscopy applied to the study of ceramic materials and biological tissues
 - Molecular biophysics
 - Molecular modeling
 - Statistical physics
 - NMR spectroscopy and imaging
- **Department of Experimental Physics**
 - Experimental quantum optics
 - Structural and optical properties of complex fluids
 - Physics teaching
 - New digital technologies and distance education
 - Experimental nuclear physics
 - Theoretical hadron physics

Instituto de Geociências (IGc)

Institute of Geosciences

Rua do Lago, 562
São Paulo, SP, Brazil
Phone: 55 11 3091 4274
E-mail: igc@usp.br
Website: www.igc.usp.br

History

USP's Institute of Geosciences (IGc) is one of the best institutions in Latin America to study and do research in Geology and the Geosciences. Several international researchers in Geology are staff members at the Institute. It also houses the most modern and complete geological laboratories in Latin America, the best Geosciences Library in Brazil and the Geosciences Museum.



Jaime Souza Marcos

Undergraduate Programs

- Bachelor's Degree in Geology
- Teacher Education in Geosciences and Environmental Education



Graduate Programs

- Geochemistry and Geotectonics
- Mineralogy and Petrology
- Mineral Resources and Hydrogeology



Cecilia Bastos



Ingo Wahnfried

Research at IGc

USP's Institute of Geosciences is recognized both nationally and internationally for its work in research, most of which is based on the graduate programs, which have about 120 students. The main lines of research are:

- **Geochemistry and Geotectonics**
 - Crustal evolution
 - Geochronology and isotope geochemistry
 - Basin evolution
 - Structural geology
 - Tectonophysics
 - Carstic systems
 - Climate changes
 - Pollution of water resources
 - Atmospheric pollution
 - Environmental contamination by heavy metals
- **Mineralogy and Petrology**
 - Geology, petrology, metalogenesis of igneous provinces and lithospheric evolution
 - Geology, petrology, metalogenesis and evolution of metamorphic belts
 - General, analytic and applied mineralogy
- **Mineral Resources and Hidrogeology**
 - Metal ores
 - Hydrogeology and water resource management
 - Applied geophysics
 - Industrial rocks and minerals
 - Contaminated soil and groundwater
 - Geological computers

Research Centers

- Geochronology Research Center (CPGeo)
- Groundwater Research Center (CEPAS)
- Antarctic Research Center (CPA)



Cecilia Bastos



Jaime Souza Marcos



Marcos Santos

Instituto de Matemática e Estatística (IME)

Institute of Mathematics and Statistics

Rua do Matão, 1010
São Paulo, SP, Brazil
Phone: 55 11 3091 6101
E-mail: diretor@ime.usp.br
Website: www.ime.usp.br

History



IME Archive

Ever since it was founded in the early 1970s this Institute has been at the forefront in research and teaching in the areas of Mathematics, Statistics and Computer Science. The Institute is divided into four departments: Mathematics, Statistics, Computer Science, and Applied Mathematics, each of which is responsible for a respective Bachelor's Course. The



Department of Mathematics also offers a course in Teacher Training for Primary and Secondary Schools.

The graduate programs follow the same structure but, in addition, there is an interdisciplinary program in Bioinformatics. The courses are all well established and among the best in Brazil. They have received evaluations from 5 to 7 (maximum of 7) from the CAPES agency of the Brazilian Ministry of Education. IME has over 1,700 students in its various courses, and over 560 students in its Master's and Doctoral Programs, many of whom are from other Latin-American countries. Students can also take courses given each year in the Summer Program.

Many of the Institute's professors are world-renowned researchers in different areas of mathematics, statistics and data processing, and IME is proud of its connections with major research centers around the world. The Institute has always been international, even before it was formally founded, and it is in debt to the many foreign professors who spent time in São Paulo during its early years. The Institute also houses research centers such as NUMEC-MaCLinC, Naweb and eScience.

The Institute also serves the internal and external community through its five centers which are:

- Data Processing Teaching Center (CEC)
- Mathematics Teaching Improvement Center (CAEM)
- Applied Statistics Center (CEA)
- Applied Data Processing and Mathematics Center (CEMCAP)
- The recently created Open Source Competence Center (CCSL)

In addition, the Matemateca Project has the aim of setting up a collection of objects related to mathematical concepts to be used to best illustrate and motivate students of all ages.

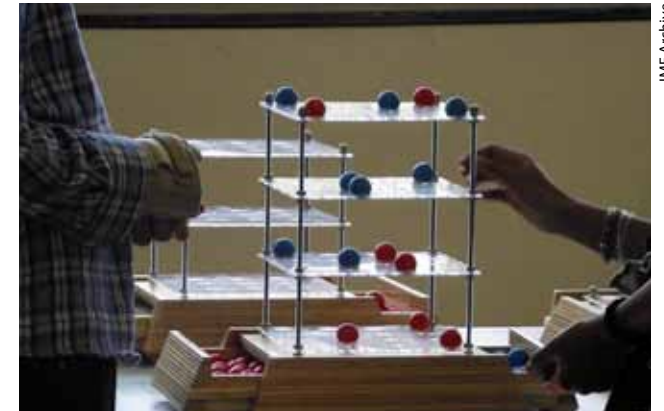
Undergraduate Programs

- Bachelor's Degree in Statistics
- Bachelor's Degree in Computer Science
- Bachelor's Degree in Mathematics
- Teacher Education in Mathematics
- Bachelor's Degree in Applied Mathematics
- Bachelor's Degree in Computational and Applied Mathematics

Graduate Programs

Master's and Doctoral Programs in:

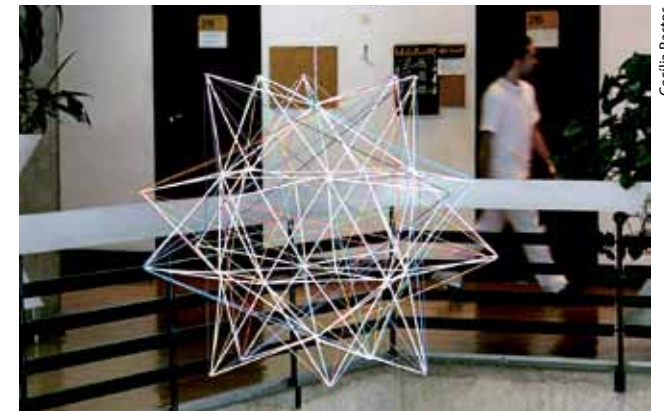
- Mathematics
- Statistics
- Computer Science
- Applied Mathematics
- Bioinformatics



IME Archive



IME Archive



Cecilia Bastos

Instituto de Psicologia (IP)

Institute of Psychology

Av. Prof. Mello Moraes, 1721
São Paulo, SP, Brazil
Phone: 55 11 3091 8236
E-mail: ipccnint@usp.br
Website: www.ip.usp.br

History



Jorge Maruta

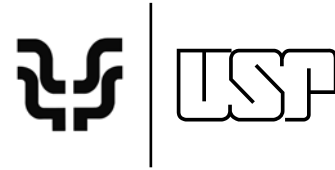


Cecilia Bastos

The USP Institute of Psychology (IP) was founded in 1969 by the São Paulo State Government. Today it consists of four departments:

- **Psychology of Learning, Development and Personality**
 - Psychological Counseling, Psychology of Learning, Developmental Psychology, Educational Psychology, Psychological Evaluation and Psychology of the Personality
- **Clinical Psychology**
 - Research in Psychoanalysis, Clinical Psychology, Psychopathology, Behavioral Therapy, and Projective Methods

- **Experimental Psychology**
 - Experimental Analysis of Behavior, Animal Behavior, Human Ethology, Evolutionary Psychology, Cognitive Processes, Psychophysics, Clinical Psychophysics, and Epistemology of Psychology
- **Social and Work Psychology**
 - Epistemology and Social Psychology, Basic Psychosocial Processes, Individual-Group Relationships, Work and Organizational Psychology, Social Psychology of Specific Historical and Cultural Phenomena, Social Psychology, Collective Health and Policy



IP has 91 professors, 166 other employees, 439 undergraduate students, and 509 Master's and PhD students.

Undergraduate Programs

The Course in Psychology is full-time and takes five years to complete the curriculum. Students who wish to become psychologists can decide between the Teacher Training Program or the Bachelor's Program.

Graduate Programs

The Institute of Psychology offers five Graduate Courses:

- Clinical Psychology
- Experimental Psychology
- Neuroscience and Behavior
- School Psychology and Human Development
- Social and Work Psychology

Research at IP

IP has infrastructure which includes laboratories for carrying out research in different areas of psychology.

Psychological Treatment Center

The Psychological Treatment Center operates as a school clinic so that students may accrue professional practice starting from the fourth year of their Undergraduate Course, under the supervision of a professor.

Library

The Dante Moreira Leite Library has one of the most complete Collections in Psychology in Latin America. It houses 77,333 volumes and coordinates the Virtual Library in Health (BVS – Psi Brasil), which manages projects that often result in the gathering, organization and dissemination of knowledge in the area of psychology generated in Brazil and Latin America. This guarantees that Latin American psychologists have access to technical-scientific data.



Francisco Emolo



Cecilia Bastos

Instituto de Química (IQ)

Institute of Chemistry

Av. Prof. Lineu Prestes, 748
São Paulo, SP, Brazil
Phone: 55 11 3091 3839
E-mail: diretor@iq.usp.br
Website: www.iq.usp.br

Overview

The Institute of Chemistry (IQ) was founded in 1970 and has two departments, Chemistry and Biochemistry. The 110 full-time faculty members are dedicated to carrying out innovative research and training highly qualified professionals at the undergraduate and graduate levels. In addition to modern, well-equipped teaching facilities and research laboratories, the Institute has central facilities for Chemical and Spectroscopic Analysis, Chemical Residue Management, DNA Sequencing, and Animal Research.

Teaching and Outreach

IQ awards BSc Degrees and Teaching Certificates in Chemistry, with minors in Environmental Chemistry, Biochemistry, Molecular Biology and Chemical Technology. The Institute gives courses in chemistry and biochemistry to its own 550 undergraduates, as well as to students in 14 other USP São Paulo institutes. Ample opportunity is provided for students to participate in Undergraduate Research and International Exchange Partnerships.

The Institute of Chemistry has graduate programs which currently enroll approximately 400 students, leading to MSc and PhD degrees in chemistry and biochemistry. Both programs have been given the



Cecilia Bastos

highest ratings by the Federal Agency CAPES. IQ is also an active participant in the Interdepartmental Graduate Program in Science Education. The graduate programs benefit from courses ministered by renowned visiting scientists as well as from numerous short-term opportunities overseas. The Institute of Chemistry also offers the Professional Master's Program that aims to promote joint projects with industries.

Outreach activities include continuing education and training courses for high school teachers, the National Chemistry Olympics, and summer and winter schools in different specializations in chemistry and biochemistry.

Research at IQ

The diversity of the research themes in chemistry is reflected in more than 40 laboratories related to subjects such as chemical reactivity and molecular dynamics, theoretical chemistry and molecular modeling, molecular spectroscopy, novel analytical methodology and analytical instrumentation, synthetic organic chemistry, drug design, colloid and (bio)polymer chemistry, nanotechnology, materials chemistry, natural products, environmental chemistry, chemical education and the history of chemistry.

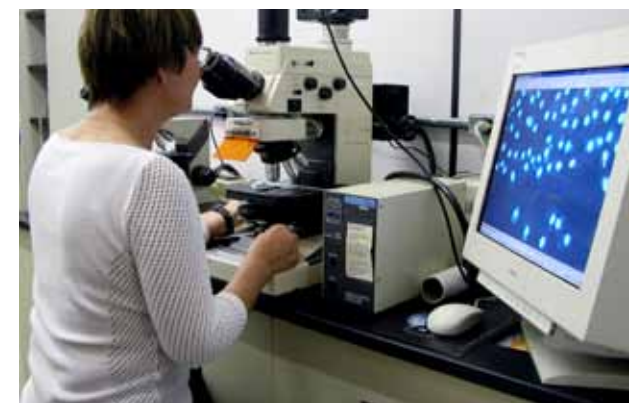


Cecilia Bastos

The Biochemistry Department is active in genomics, proteomics, bio-informatics, molecular neuroscience, enzymology, molecular and cell biology, structural and systems biology, biophysics and biochemistry education. Researchers from both departments participate and/or coordinate important national research institutes (INCT), USP Research Consortia (NAPs) and other research networks.



Cecilia Bastos



Cecilia Bastos



Cecilia Bastos

Instituto de Relações Internacionais (IRI)

Institute of International Relations

Av. Prof. Lúcio Martins Rodrigues, s/n, travessas 4 e 5
São Paulo, SP, Brazil
Phone: 55 11 3091 1898
E-mail: ccint.iri@usp.br
Website: www.iri.usp.br

History



FBM/R/2011

Founded in 2004, the Institute of International Relations (IRI) aims at promoting research and teaching in international relations and increasing public understanding about world affairs and Brazil's international role.

IRI has a multidisciplinary approach to global issues, bringing together expertise in International Law, International Politics, International Economics and History.

IRI's faculty are scholars dedicated full-time to the institution as well as specialists with double appointment coming from USP Departments of Political



Science, Economics, History, International and Public Law and Sociology. IRI also relies on a host of foreign and Brazilian visiting professors who foster an international and lively intellectual exchange.

IRI grants Bachelor's, Master's and PhD degrees in international relations. Besides it hosts the International Scholars and Specialists Program, which allows the participation of foreign scholars and non-academic specialists at the institute's activities up to two years; the International Visiting Scholars Program and a Post-Doctoral Program to welcome Brazilian and foreign PhDs and international researchers seeking short term academic experience at USP.

Undergraduate Program

Bachelor's Degree in International Relations

Graduate Program

Master's and PhD Degrees in International Relations

Post-doctoral Program

Visiting Research Program



IRI Archive

Fields of Research

- **International Political Economy**
 - International trade policy and trade negotiations
 - International finance and international finance institutions
- **Foreign Policy Analysis**
 - Comparative foreign policy
 - Brazilian foreign policy
- **Institutions and Global Governance**
 - International law and domestic law
 - Institutions and economic development
 - Democracy and global governance
- **Global Public Policies**
 - Transnational crime and public policies
 - The environment and environmental regulation



IRI Archive

Working Group on Contemporary International Issues

The Institute also runs a permanent seminar on present international issues – the Contemporary International Issues Group (GACInt) – which meets once a month and gathers together scholars, entrepreneurs, NGOs leaders, diplomats, military and other high level governmental officials.



IAVO/2006

Instituto Oceanográfico (IO)

Oceanographic Institute

Praça do Oceanográfico, 191
São Paulo, SP, Brazil
Phone: 55 11 3091 6501
E-mail: ccint.io@usp.br
Website: www.io.usp.br

History

The Oceanographic Institute (IO) was founded in 1946 as Instituto Paulista de Oceanografia and was incorporated into Universidade de São Paulo in 1951. The Institute plays a leading role in oceanographic research and teaching in Brazil, working with multi-institutional partnerships at the national and international levels. Researchers are active participants in a number of International Scientific Programs ranging from Ocean Microbiology to Satellite Oceanography, providing a global perspective of the role of the Ocean in Earth System Science.

Facilities

The Institute's main headquarters are located at Cidade Universitária, in the city of São Paulo. IO houses 30 laboratories, a museum, classrooms and teaching laboratories that are among the most modern and well-equipped in Brazil. The Institute also has a large and comprehensive library which holds the country's most important collection of books and magazines on Marine Sciences. IO also provides full access to thousands of scientific titles via different database information systems. The Institute is responsible for publishing the Brazilian Journal of Oceanography.



Francisco Luis Vicentini Neto

The staff is comprised of 40 faculty members, 171 administrative and research personnel and 22 permanent crew members on the research vessels.

Undergraduate Program

The Oceanographic Institute opened its formal Undergraduate Program in Oceanography in 2002. Since then, 95 Bachelor's Degrees have been conferred.

Graduate Programs

MSc and PhD Programs in Biological, Physical, Chemical and Geological Oceanography are offered. A total of 433 MSc degrees and 227 PhD degrees were awarded up to December 2010.

Lines of Research

- Structure and functioning of marine ecosystems
- Evaluation, production and sustainable use of living resources
- Environmental impacts and coastal management
- Taxonomy and ecophysiology of marine and estuarine organisms
- Ocean circulation and atmospheric interactions at large and mesoscale levels
- Shelf and estuarine hydrodynamics
- Biogeochemical cycles of macro- and micro-nutrients in the oceans
- Marine organic chemistry
- Dissolved gases in seawater
- Marine sedimentation
- Marine micropaleontology
- Stratigraphy of the marine quaternary

Coastal Research Stations

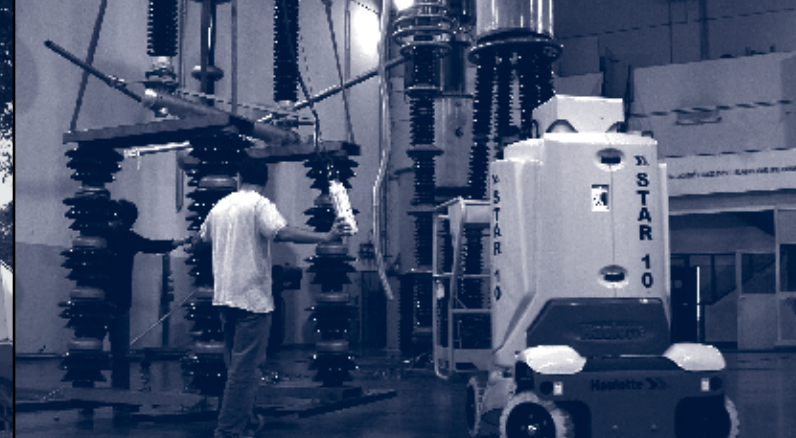
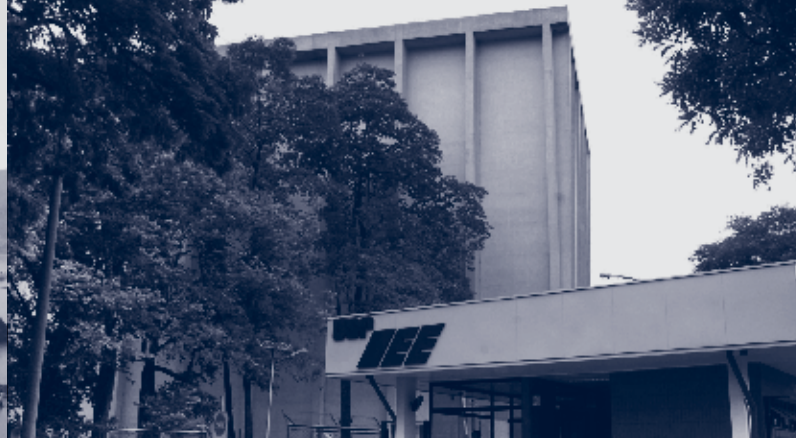
The Oceanographic Institute also owns and operates two coastal stations, one at the Southern Tip of São Paulo State's long Atlantic Coast and the other at Northern Tip. Both stations have lodging capacity for 60 researchers and students, and are equipped with basic laboratory facilities and research vessels. The Institute's fleet is comprised of the R.V. *Alpha Crucis*, R.V. *Alpha Delphini*, as well as two 15-meter-long wooden research boats, the *Veliger* and the *Albacora*, and several small boats with outback motors.



Marcos Santos



Luiz Vianna Nonato



Specialized Institutes

Since its founding, Universidade de São Paulo has been noted for its scientific production. In 2012, about 27,000 articles produced at USP were published in Brazil and worldwide.

USP's specialized institutes aim at fostering discussion on central issues in science and culture as well as providing

vital services to the community. These specialized institutes are located in three different cities in the State of São Paulo, one in São Paulo city, another in Piracicaba, and the third in the coastal town of São Sebastião. Their themes range from biological sciences to Engineering, technology and human sciences.

Centro de Biologia Marinha (CEBIMar)

Center for Marine Biology

Rod. Manoel Hipólito do Rego, Km 131.5
São Sebastião, SP, Brazil
Phone: 55 12 3862 8400
E-mail: cebimar@usp.br
Website: www.usp.br/cbm



Overview

The Center for Marine Biology (CEBIMar) deals in both research and education by hosting research projects and offering a variety of academic courses and outreach activities. The center was founded in 1955 and has been extensively used by units of USP and other universities – both public and private. International partnerships have been set up with researchers from several countries who have chosen CEBIMar for short-term visits and sabbatical stays, exchange opportunities and innovation.

Well-equipped facilities operate just a few meters from water's edge, embedded in a pristine stretch of the Atlantic Forest. There, researchers working at the Center have easy access to representative coastal habitats, including rocky shores, sandy beaches and mangrove forests. Laboratory routines that require continuous sources of seawater, advanced light microscopy

techniques and standard molecular analyses can be undertaken. Visitors are welcome to the restaurant, and lodging is available at the center.



Ana Paula Veras de Paiva



Alvaro E. Migotto

Education and Outreach

The Center for Marine Biology offers courses for undergraduate and graduate students seeking specific education and training in marine biology. Visiting undergraduate students can pursue majors in the biological sciences (at the Institute of Biosciences in São Paulo, the Faculty of Philosophy, Sciences and Letters at Ribeirão Preto, and the Luiz de Queiroz College of Agriculture in Piracicaba) or Oceanography (at the Oceanographic Institute). Graduate PhD and MSc students can take courses at the Center for partial fulfillment of degrees in Zoology, Comparative Biology, Biological Oceanography and Ecology.



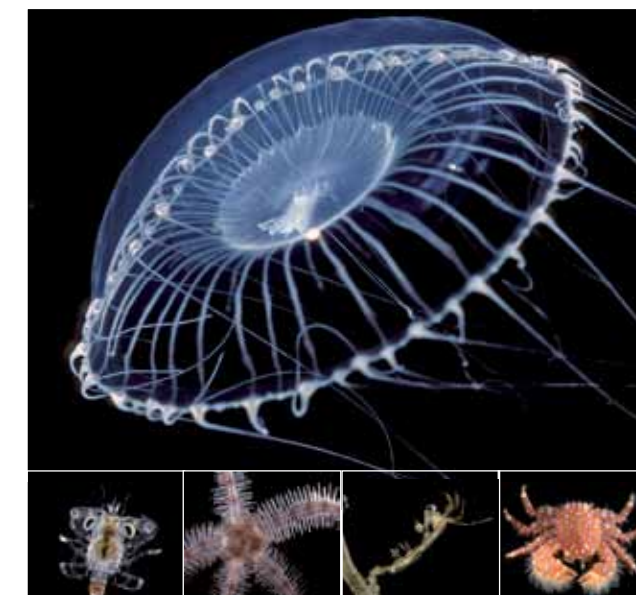
Alvaro E. Migotto

In partnership with the faculty at the Institute of Biosciences and Luiz de Queiroz College of Agriculture, CEBIMar's faculty is also responsible for core curricular courses in the biological sciences major. At São Sebastião, students engage in a number of field and laboratory activities. Extracurricular courses for students and a wide range of outreach activities for a more general public are frequently offered. These courses are intended to introduce general notions of the marine biota and the ecology of coastal habitats as a means of increasing environmental awareness.

Research at CEBIMar

Areas of research for resident faculty and post-doctoral students at the Center include the systematics and biogeography of marine invertebrate groups, benthic ecology of hard and soft bottoms, ecological processes at the benthic-pelagic interface, and patterns of coastal and open-water primary production using bio-optical modeling.

The Center for Marine Biology is also involved in outside projects coordinated by researchers from other USP units and other universities by providing infrastructure and technical assistance. Many students involved in these projects continue to study at CEBIMar for long periods in order to complete their MSc or PhD theses. Undergraduate students engaged in USP's Scientific Initiation Programs and project technicians are also important members of the academic community.



Photos: Alvaro E. Migotto

Centro de Energia Nuclear na Agricultura (CENA)

Center for Nuclear Energy in Agriculture

Luiz de Queiroz Campus in Piracicaba

Av. Centenário, 303

Piracicaba, SP, Brazil

Phone: 55 19 3429 4600

E-mail: cena@usp.br

Website: www.cena.usp.br

History and Scope

The Center for Nuclear Energy in Agriculture (CENA) was founded in 1966. It is a Specialized Research Institute of Universidade de São Paulo, located at Luiz de Queiroz Campus in Piracicaba.

Although the Center is currently dedicated to research in agriculture and environment, its original mission was to deal with peaceful uses of Nuclear Techniques in Agriculture. This is still an important aspect of the research activities at the center, making it one of the leading institutions of its kind in Latin America.

The staff consists of 38 faculty members, 33 of whom are CNPq grant holders and five are members of the Brazilian Academy of Sciences. It also has 130 technical and administrative employees.



Cecilia Bastos



Undergraduate Teaching and Activities

Although the Center for Nuclear Energy in Agriculture does not have an undergraduate program, faculty members are actively involved in all six programs of USP's neighboring Luiz de Queiroz College of Agriculture, especially in the Biology and Environmental Management programs, where they teach and participate in committees for the undergraduate programs. CENA also contributes to the scientific training of undergraduates by planning and coordinating research activities for interested students. There are usually about 180 undergraduate students from USP and other universities working on research projects, and about 80 of these receive Scientific Initiation Scholarships from the PIC-USP Programs or other granting agencies.



Press office CENA/Engenho da Notícia

Graduate Programs

Graduate Programs at CENA began in 1972. Along with research, these programs form the backbone of the activities carried out at the Center. Two graduate programs are currently offered:

Science (Nuclear Energy in Agriculture)

with the following fields of concentration:



Press office CENA/Engenho da Notícia

- Biology in Agriculture and the Environment
- Nuclear Energy in Agriculture and the Environment
- Chemistry in Agriculture and the Environment

The CAPES Evaluation System has rated this graduate program with a grade of 7, the highest on the scale.

There are approximately 100 Doctoral and 50 Master's students in the Graduate program.



Technical computing section/CENA

Applied Ecology

The Center for Nuclear Energy in Agriculture has a long tradition in the environmental sciences. This program, which began in 2001, is offered in association with the Luiz de Queiroz College of Agriculture in Piracicaba.

It currently has a CAPES rating of 6, and has approximately about 40 Doctoral and 40 Master's students.

Research at CENA



Technical computing section/CENA

The Center's research and graduate programs are considered its major strengths. It is known and recognized nationally and internationally for its level of excellence and its publication record. The involvement of post-doctoral students is among the most intense at USP.

CENA has modern, highly rated facilities and equipment, and is organized into three Scientific Divisions, according to the Center's major fields of research:

- Functioning of Tropical Ecosystems
- Agro-Industry and Food Productivity
- Development of Analytical and Nuclear Methods and Techniques

Instituto de Energia e Ambiente (IEE)

Institute of Energy and Environment

São Paulo Campus

Av. Prof. Luciano Gualberto, 1289
São Paulo, SP, Brazil
Phone: 55 11 3091 2507
E-mail: diretoria@iee.usp.br
Website: contact@iee.usp.br

Overview

The Institute of Energy and Environment (IEE) of Universidade de São Paulo fosters interaction among society, science and technology to develop projects, assessments, analysis, research and education in energy and environmental science.

IEE acts in an interdisciplinary approach in Education, Research and Extension mainly through:

- Graduate Programs in Energy and Environmental Science
- Undergraduate subjects
- Science and Research and Development Projects
- Equipment testing and Metrology
- Certification of Products

Scientific Divisions

The **Scientific Divisions** organize and plan activities, carried through the laboratories of the *Technical Services*, for Research, Development and Innovation projects, to provide Extension Services and to support graduate and undergraduate Education.



- **Electrical Systems Technology Division**
 - High voltage (up to 3 MV impulse and 1 MV a.c.)
 - High current (up to 70 MVA short-circuit power)
 - Metrology
 - Safety and performance of electrical equipment
 - Smartgrid, control, measurements and power quality of networks
- **Energy and Environment Division**
 - Energy conversion, transformation and storage
 - Lighting systems, conditioning (HVAC) and energy performance of buildings
 - Photovoltaic Systems
 - Energy and environmental planning, resources assessment and development
 - Environmental, economic, social, health and safety analysis and life cycle assessment of every systems
- **Oil, Natural Gas and Bioenergy Technology Division**
 - Characterization of fuels and bioenergy development
 - Safety and performance of equipment and systems
 - Safety and performance of structures and materials
 - Exploration and production processes

Research & Development Activities

- Power systems (generation, transmission, distribution) and smartgrids
- Development of equipment, products and systems
- Electrical measurements
- Monitoring systems and energy quality
- Lightning protection
- Photovoltaic systems
- Energy management
- Energy planning and policy assessment
- Energy sources
- Life cycle assessment
- Oil and gas prospection, operation and regulation
- Environmental impacts

Education

Graduate programs

- The **Graduate Program in Energy (PPGE)** is an interdisciplinary effort - emphasizing technological, economic, environmental, social, political and historic approaches - for academic research and education in energy use, supply, resources assessment and development, and environmental impacts and social repercussions evaluation. The program offers Master's and Doctoral degrees.

Research Lines

- Energy and society
- Renewable energy sources
- Energy and environment
- Integrated resource planning: energy demand, supply and quality

- The **Graduate Program in Environmental Science (PROCAM)** deals with global warming, biodiversity conservation, contaminated areas, water and waste management in the cities.

The program offers Master's and Doctoral degrees.

Research Lines

- Public policy and environmental conservation
- Environment, culture and social participation
- Ecological economy and energy issues
- Environmental impact, health and urban planning
- Integrated management and social and environmental modeling
- Climate change, public policy and international conventions

Undergraduate and specialized education

IEE teaches undergraduate subjects to support regular USP degree programs and offers specialization courses and professional training.



Sergio Antonio de Oliveira

Instituto de Estudos Avançados (IEA)

Institute of Advanced Studies

São Paulo Campus

Rua Praça do Relógio, 109
Bloco K, 5º andar
São Paulo, SP, Brazil
Phone: 55 11 3091 3919
E-mail: iea@usp.br
Website: www.iea.usp.br

Interdisciplinary Studies and Public Policies

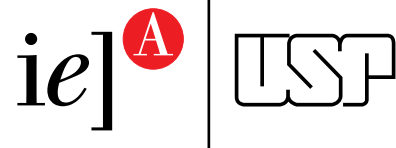
The Institute of Advanced Studies (IEA) focuses on comprehensive and interdisciplinary research and on the discussion of fundamental issues related to science and culture.

The Institute, together with other representative segments of society, has the responsibility of carrying out studies on national and supranational institutions and public policies.

Due to the nature of its activities, IEA plays a significant role in the scientific and cultural exchange between Universidade de São Paulo and foreign and other Brazilian institutions, such as universities, government agencies, scientific and cultural entities, and others.



Mauro Bellesa



Research Groups

Researchers are formally organized in order to develop interdisciplinary projects for limited lengths of time. The current themes of the groups are:

- Amazon Transformation: History and Perspectives
- Brazil-France
- Ecosystem Services
- Environment and Society
- Environmental Politics
- Permanent Forum: Cultural System Between Public and Private
- Innovation and Competitiveness Observatory
- Intercultural Dialogues
- Literature and Culture
- Logic and Theory of Science
- Nuclear Astrophysics
- Nutrition and Poverty
- Philosophy, History, and Sociology of Science and Technology

- Public Policies, Territoriality and Society
- Quality of Democracy

Chairs and Partnerships

Chairs and Partnerships host researchers through partnerships with Brazilian and foreign institutions, in order to exchange experts and carry out other academic activities. Currently, these arrangements are the following:

- Bernardo O'Higgins Chair
- Partnership with Colegio de México
- Unesco Chair on Peace, Human Rights and Democracy

Journal

The journal entitled *Estudos Avançados* (Advanced Studies) has been published quarterly since 1987, with an average circulation of 1,500 copies of 400 pages each. It is one of the country's leading academic publications for scientific and cultural debate. In 2004 the journal was included



in the "Scientific Electronic Library Online", also known as "SciELO" (www.scielo.br), a Brazilian scientific journal database. *Estudos Avançados* receives an annual average of three million hits. Since 2007, part of the contents of the Portuguese version are published in an online version in English, also available at SciELO.



photos: Mauro Bellesa



Instituto de Estudos Brasileiros (IEB)

Institute of Brazilian Studies

São Paulo Campus

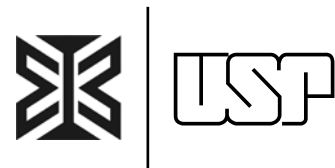
Avenida Professor Mello Morais, 140
São Paulo, SP, Brazil
Phone: 55 11 3091 3197
E-mail: crint.ieb@usp.br
Website: www.ieb.usp.br

Overview

The Institute of Brazilian Studies (IEB), a multidisciplinary and multi-thematic center devoted to the development of specialized humanity studies on Brazil, was founded on 1962 by Prof. Sérgio Buarque de Holanda, a renowned Brazilian historian that devoted his life to the study of his native country. The Institute houses one of Brazil's greatest collection of rare books, manuscripts and works of art, that begun with the acquisition, in the same year it was founded, of the *Brasiliana Collection* that belonged to historian Yan de Almeida Prado, followed by the donation or acquisition of other private collections of Brazilian intellectuals such as Mario de Andrade, Guimarães Rosa, Graciliano Ramos, Pierre Monbeig and Anita Malfatti. This rare collection, due to its impressive size and invaluable importance, requires special efforts to guarantee its preservation, organization and availability to researchers and the public in general.

Research at IEB

The Institute's collection, organized in an Archive, a Library and a Visual Arts division, comprises an



important set of primary sources, inestimable for researches, both from Brazil and abroad, dedicated to Brazilian studies in general. The Institute's professors, specialized personnel and alumni also devote themselves to the organization, conservation, restoration and study of the collection, developing research projects in the field of Brazilian Studies.



Cecília Bastos

Spread of Knowledge

To increase access to researchers and the public in general, the Institute's staff has been working on the digitalization of its collections through a pioneering project, with an average of 100,000 images per year, comprising books, manuscripts, microfilms and iconography. As part of this effort, the Institute has made available online computerized data banks and digitalized images of its collections, made known to specialized researchers and those interested on Brazilian studies through a number of publications devoted to disseminate the importance of these collections and its value to the understanding of Brazilian history, literature, art, geography, music etc. The Institute also publishes a biannual journal on Brazilian Studies, houses undergraduate and graduate lectures, and offers continuing education programs to the public in general. Since 2008 the Institute's professors conduct a *stricto sensu* multidisciplinary Master's program in Brazilian Cultures and Identities.



Angela Garcia

Master's Program

The goal of the Master's program in Brazilian Cultures and Identities is to enable and foster multidisciplinary graduate researches on Brazilian studies. The Master's program is divided into two research guidelines, one devoted to the understanding of "Society and Culture in Portuguese America and Brazil", and a second one that focuses on "Brazil: the Reality of Creation, the Creation of Reality".



Angela Garcia



Marcos Santos

Instituto de Medicina Tropical de São Paulo (IMTSP)

Institute of Tropical Medicine - São Paulo

São Paulo Campus

Av. Dr. Enéas Carvalho de Aguiar, 470
São Paulo, SP, Brazil
Phone: 55 11 3061 7011
E-mail: imtsp@usp.br
Website: www.imt.usp.br

Activities

The Institute of Tropical Medicine - São Paulo (IMTSP) of Universidade de São Paulo was founded in 1959 and, since then, has carried out basic and applied research focused on tropical diseases, which, even today, affect nearly one third of the world's population. The Institute has a number of research laboratories involved in different aspects of diagnosis, treatment and prevention of tropical and other serious endemic diseases that occur in Brazil and elsewhere.



Almir Robson Ferreira



Almir Robson Ferreira



Graduate Program

- **Biological Sciences**
 - Tropical Medicine and International Health



Almir Robson Ferreira

Research at IMTSP

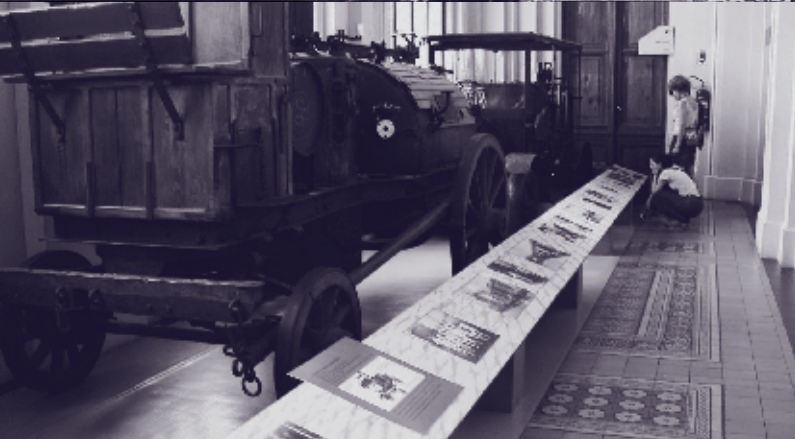
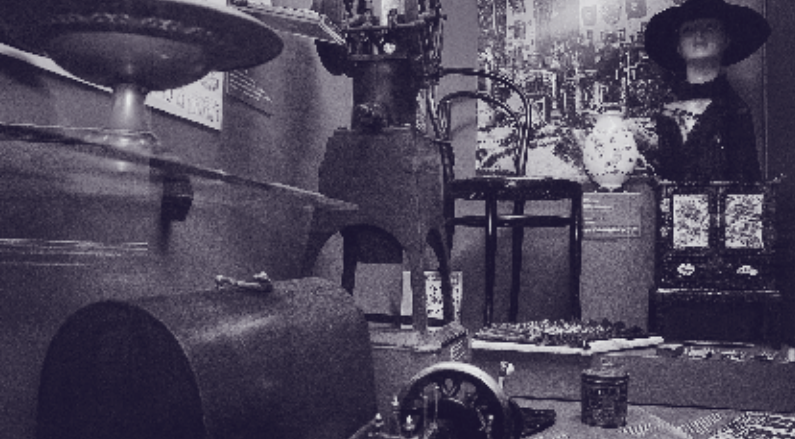
Within its research scope, IMTSP has shown outstanding performance in research and graduate programs and has made a significant contribution to the training of human resources for teaching and research. The Institute offers courses on different levels for travelers, graduate students and workers in tourism, as well as programs for academic Master's (MSc) and Doctoral (PhD) degrees in tropical medicine. It also welcomes postdoctoral fellows to its well-equipped research facilities. It has long been at the forefront of applied scientific research in tropical diseases and international health, including the study of their agents, immunology and pathology, the development of diagnostic methods and therapeutic agents, vector biology, vaccine development, and epidemiology and prevention studies. IMTSP also provides specialized consulting services and technical

support in tropical medicine and international health to public health institutions in Brazil and other South-American countries. The Institute is both a national and an international standard reference in its area of expertise. Services by the following laboratories are available:

- Bacteriology
- Dermatology and Immunodeficiencies
- Epidemiology
- Helminthology – Immunopathology of Schistosomiasis
- Hepatitis
- Immunology and Immunobiology
- Medical Mycology
- Parasitology
- Protozoology
- Seroepidemiology and Molecular Biology
- Tropical Hematology
- Virology



Almir Robson Ferreira



Museums

One of USP's main features is its commitment to Society. This approach is put into action through countless educational and cultural activities.

In order to provide support for its research and extension activities, USP maintains a number of museums, such as the Museum of Contemporary Art (MAC), the Museum of Archaeology and Ethnology (MAE), the Paulista Museum

(MP) and the Museum of Zoology (MZ), all of which hold artistic, historical and scientific exhibits and are open to public visitation. In 2012, USP's museums were visited by over 1,1 million people. The University has also two conventional theaters, a movie theater (Cinusp), a Cultural Center (Centro Cultural Maria Antônia), and an interactive Science museum (Science Station), among other centers and cultural venues.

Museu de Arqueologia e Etnologia (MAE)

Museum of Archaeology and Ethnology

Av. Prof. Almeida Prado, 1466
São Paulo, SP, Brazil
Phone: 55 11 3091 4905
E-mail: mae@usp.br
Website: www.mae.usp.br

History

The Museum of Archaeology and Ethnology (MAE) was founded in 1964, and also operates as a Center for Research and Teaching of Archaeology. In 1989, through the incorporation of Archaeological and Ethnographic collections that had been maintained separately by different departments, institutes and museums of the University, the Museum of Archaeology and Ethnology was set up as a new institution.

Its collection is estimated at approximately one million pieces, including artifacts, images, fragments and documents. The collection was formed through archaeological surveys and excavations, ethnological research, donations, and exchange programs. It covers Brazilian Archaeology, Mediterranean and Near-Eastern Archaeology, Andean, Central American and Mesoamerican Archaeology, and Brazilian, African and Afro-Brazilian Ethnology. The collection is housed in protected facilities, near laboratories where technical staff, faculty and students work.

MAE offers a wide selection of courses for students enrolled in other units of USP. Its Graduate Program in Archaeology was the first of its kind to operate in Brazil, and has over one hundred Brazilian and foreign students currently enrolled. The library has approximately 75,000



books, catalogs, theses, dissertations, periodicals and rare works. It also publishes *Revista do Museu de Arqueologia e Etnologia* (Journal of the Museum of Archaeology and Ethnology).



Cecilia Bastos

Graduate Programs

Archaeology

Consisting of three main areas of study:

- Material culture and symbolic representations in archaeology
- Space, society and formation processes of archaeological records
- Archaeological heritage management and rescue archaeology

Research at MAE

The Museum's main research lines include Brazilian, Classical, Andean and Mesoamerican Archaeology, the Ethnoarchaeology of Native Brazilians and Afro-Brazilians, Museum Studies, and Heritage Education.

Research Laboratories

Labeca (Laboratory for Studies on the Ancient City - www.mae.usp.br/labeca) – Includes professors,



Jorge Maruta

researchers and graduate students carrying out projects on ancient Greek cities.

LINTT (Laboratory on Interdisciplinary Studies on Technology and Territory) - Focuses on the linkages among territory, technology, identities and cultural heritage in different social-cultural contexts.

LAR (Laboratory on Regional Archaeology) - Deals with the integration of several different projects on coastal shell mounds linked through a data bank managed by a Geographical Information System.

LARP - Laboratory for Roman Provincial Archaeology

Lapgeo - Landscape Archaeology and Geoarchaeology Laboratory

ArqueoTrop - Laboratory of Tropical Archaeology

LEVOC - Laboratory for Interdisciplinary Studies on Evolution, Culture and Environment



Jorge Maruta

Museu de Arte Contemporânea (MAC)

Museum of Contemporary Art

MAC USP Cidade Universitária Rua da Reitoria, 160
São Paulo, SP, Brazil
Phone: 55 11 3091-3028
E-mail: mac@usp.br

MAC USP Nova Sede Av. Pedro Álvares Cabral, 1301
04094-901 – Ibirapuera
São Paulo, SP, Brazil
Website: www.mac.usp.br

History

The Museum of Contemporary Art (MAC) of Universidade de São Paulo is one of the most important museums of modern and contemporary art in Latin America. With approximately 8,000 works, the museum collections cover a period that goes from the modernist Avant-Garde in the beginning of the 20th century to the present day, both nationally and internationally. MAC was created in 1963, when Universidade de São Paulo received the former collections of the Museum of Modern Art of São Paulo (founded in 1948). MAC is now occupying the so-called

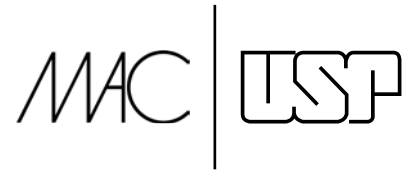


Cris D'Ávila



Projeto SP 360°

Overview of the *Transeuntes* collection showing



Agriculture Palace, one of Oscar Niemeyer's buildings at Ibirapuera Park - a complex conceived to celebrate the 400 Years Anniversary of the city of São Paulo, inaugurated in 1954 and renovated to house the museum. The building inside the university campus will be maintained to support the academic programme.

Undergraduate Courses

The Museum of Contemporary Art offers eight elective courses in the areas of Modern and Contemporary Arts, which can be taken by students enrolled in any of USP's departments and schools.



Rômulo Fialdini

A Boba, 1915/16 - Anita MALFATTI



Rômulo Fialdini

Formas Únicas da Continuidade no Espaço, 1913 - Umberto BOCCIONI

Research; Graduate Programme and Postgraduate Programs at MAC

As a University museum, its main aim is to foster research and to exhibit its own collection. Academic research is undertaken in the field of Art, Theory and Critique, as well as Art Education. The professors develop their work in the museum as researchers and curators, by means of optional courses offered to undergraduate students, who may come from all undergraduate programs of the university; through the postgraduate program in Aesthetics and Art

History (an interdisciplinary program that involves six different University faculties, including MAC); through the postgraduate programme in Museology (involving the four museums of the university); and by organizing exhibitions, lectures, conferences and seminars.



João Musa

Paradoxo do Santo, 1994 – Regina SILVEIRA



Juan Guerra

Alfredo, Eleonore, Fang e Mira: Aspectos da Pintura na Coleção Theon Spanudis, 2011

Museu de Zoologia (MZ)

Museum of Zoology

Avenida Nazaré, 481
São Paulo, SP, Brazil
Phone: 55 11 2065 8100
E-mail: mz@edu.usp.br
Website: www.mz.usp.br

History

USP's Museum of Zoology houses one of the world's largest collections of neotropical fauna, housing approximately 11 million specimens of animals. It is an international reference for studies on the biodiversity of this region, and has an important outreach program, through the exhibits and educational services offered to the local community.

The Museum offers a Graduate Program in all areas of its specialization, and focus on the formation and training of professionals for scientific and technological research, as well as on higher education work.

Since early 2011, MZ has offered its own Graduate Program in Biological Sciences (with majors in Systematics, Animal Taxonomy and Biodiversity).



Oswaldo José dos Santos



Lines of Research



Francisco Emolo

- Chronobiology and insect anatomy
- Systematics, evolution and bionomy of Elateridae
- Systematics, evolution and distribution of Cerambycidae
- Systematics and evolution of Diptera
- Systematics, evolution and biology of Hymenoptera
- Systematics, evolution and bionomy of Coleoptera – metamorphosis in insects
- Biology and taxonomy of Isoptera
- Systematics and evolution of Lepidoptera



Marcos Santos

- Systematics and biogeography of Crustacea
- Morphology, systematics and evolution of Mollusca
- Systematics, evolution and biogeography of South-American marine and freshwater fish
- Systematics and evolution of amphibians and reptiles
- Taxonomic revision of South-American groups of mammals
- Museology in the sciences



Cecilia Bastos

Research at MZ

Scientific research, teaching and outreach activities in taxonomy, systematics, evolution, and biodiversity constitute the Museum's primary purpose. It also maintains the Biological Station at Boraceia, an Atlantic Forest reserve in the town of Salesópolis, State of São Paulo, where several research projects are in progress.



Francisco Emolo

Museu Paulista (MP)

Paulista Museum

Parque da Independência, s/n.
São Paulo, SP, Brazil
Phone: 55 11 2065 8000
E-mail: mp@usp.br
Website: www.mp.usp.br

History



Cecilia Bastos

The Paulista Museum is a scientific, cultural and educational institution that operates in the field of history. As an exclusively historical museum, it specializes in material aspects related to the organization of Brazilian society, with special emphasis on factors relating to São Paulo. It also has an annex, known as the Itu Convention Republican Museum (Museu Republicano “Convenção de Itu”).

The Museum’s collection has its roots in a collection brought together by Coronel Joaquim Sertório, which included specimens in Natural History (Zoology, Botany and Mineralogy) and pieces of ethnographic and historical interest.



During the 20th Century, the Natural History collections of the Museum were gradually moved to other specialized institutions, while the History collections remained. In 1963, the Museum was incorporated into Universidade de São Paulo. In 1989, the remaining collections of the Paulista Museum were finally restructured. Currently the collections are related entirely to the field of history, and include over 125,000 items, among them objects, iconography and documentation dating back to the 1600s and extending into the mid-20th century. Its library has a collection of over 70,000 items, including books, periodicals, maps and rare works.



José Rosael



José Rosael/Hélio Nobre

Research at MP

The Paulista Museum has three primary lines of research: Daily Life and Society, the History of Imagery and the Universe of Work. Academic research based on the collections is carried out by professors and institution specialists. MP also sponsors research projects undertaken by undergraduate, graduate and postdoctoral students, and offers specialized training to students of USP and other universities.

The Museum also offers undergraduate courses and a range of cultural and extension activities based on research undertaken at the Museum.



José Rosael/Hélio Nobre

Exhibit Hours

Tuesday to Sunday: from 9 a.m. to 5 p.m.

Library Hours

Monday to Friday: from 8 a.m. to 5 p.m.

Hours of the Textual Documentation and Iconography Service

Monday to Friday: from 9 a.m. to 5 p.m., by appointment only.

Entrance is Free of Charge:

- On the first Sunday of every month
- For persons aged 6 or under and aged 60 or over



José Rosael/Hélio Nobre

USP International Office

Rua do Anfiteatro, 197
 Cidade Universitária
 São Paulo, SP, Brazil
 E-mail: vreri@usp.br
 Website: www.usp.br/internationaloffice

The International Office (*Vice-Reitoria Executiva de Relações Internacionais*) of Universidade de São Paulo is located on the University's main Campus, in the city of São Paulo. Its aim is to develop USP's ever-growing presence in the international scenario. It does so not only by enabling exchange of students, researchers, faculty and staff members, but also by stimulating the University to spread its prolific scientific production to a global level. It also keeps USP's academic body in permanent touch with the most innovative discoveries around the world, through exchange partnerships that will be profitable for all involved.

VRERIUSP

vice-reitoria executiva de
 relações internacionais
 international office

VRERI promotes the mobility of USP's faculty and students by enhancing cooperation with other universities and by helping with the logistics involved in this activity. The Office also helps international visitors, whether students, professors, or researchers, before and during their stay in São Paulo.

The work of the International Office is of major importance to the University, since internationalization is one of its strategic initiatives. The University welcomes people from all continents and stimulates this process via networks and partnerships. Students and faculty members thus live in a multicultural environment with people from different cultural backgrounds.



Cecília Bastos



Paulo Soares

International Numbers - database 2012

Undergraduate Level

Regular Foreign Students	384
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Exchange Students at USP

Number of Students	1,142
Countries of Origin	36
USP Institutions Involved	40

USP Students on Exchange Abroad

Number of Students	1,829
Countries Receiving Students	34
USP Institutions Involved	40

Graduate Level

Regular Foreign Students at USP	1,354
Countries of Origin	65
USP Institutions Involved	57

Post-doctoral Level

Regular Foreign Researchers at USP	269
Countries of the Researchers	48

Partnerships and Protocols

Number of Partnerships and Protocols	744
Number of Countries	59
USP Institutions Involved	45

Participation by USP

International Networks and Programs	73
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Caio Albuquerque

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Vice-President for International Relations

Aluisio Augusto Cotrim Segurado

PRODUCTION

International Relations and Communications Area

Sandra Lima

Edition

Daniel Barcelos

Jonathas Carvalho

Karen Shimizu

Visual Production

Tiago Oliveira Valentim

Collaboration

Alissa Pereira de Queiroz

Translation / Revision

Arthur Fioravante Chiba

Isabella Astolfi Ferreira

Juliana Ferraci Martone

Ligia Grabauskas

Livia Prado Martins

Marcelo Vourakis Barbosa

Sarah Elizabeth Alwan

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USP *international office*

Rua do Anfiteatro, 197
Cidade Universitária
São Paulo SP Brazil
05508 060

vveri@usp.br
www.usp.br/internationaloffice
www.usp.br