Index

UACCh History ................................................................. 03
Geographical Location ......................................................... 04
Campus and University Sites .................................................... 05
Undergraduate Studies and Colleges ................................. 09
Graduate Studies ................................................................. 11
  - Doctoral Degrees ............................................................. 11
  - Master’s Degrees ............................................................. 13
  - Degrees ............................................................................. 13
  - Specializations ............................................................... 14
Extended Studies ........................................................................ 15
Networking on a National Level .............................................. 19
International Relations ............................................................. 21
Research ................................................................................ 23
One of the paramount goals for creating the Universidad Austral de Chile was to find a way to retain the beauty and the closeness of nature, while encouraging teaching and the acquisition of knowledge. Every walkway and building at UACH was planned and created by a dedicated group of people, led by Doctor Eduardo Morales. The University's motto is: "Libertas Capitur", from the Latin, meaning: Freedom is conquered. Currently, this motto appears on the UACH shield. The slogan “Knowledge and Nature” also appears on the shield. This slogan is a representation of the spirit and environment of UACH. (of Southern University of Chile, Universidad Austral de Chile)

The University Austral of Chile was founded under Decree number 3,757 on the September 7th, 1954 in Valdivia as a response to the undeniable need to create an institution of higher education in the southern part of the country.

The UACH campus is located on the "Isla (Island) Teja", between the rivers Calle-Calle and Cruces. It looks out over the river Calle-Calle with a beautiful view of the Valdivian city center. The campus is a patchwork of buildings from various decades and stages of the University's formation. The oldest buildings date back to the '60s and early '70s, when the University gained its institutional autonomy. Presently, the university is undergoing a modernization in its architecture and curriculum thanks to different projects aimed at improving the quality of undergraduate programs. This allows the past and present to blend harmoniously.

Today our University is recognized nation-wide for its academic achievements and enjoys a prominent and prestigious position among Chilean universities. The importance of this university is demonstrated through its expansion of satellite universities to other cities in Southern Chile, including Puerto Montt and Coyhaique. In regards to its scientific productivity, the Universidad Austral de Chile is one of the five important universities in the country and maintains a campus and a research center whose connection with the community has resulted in positive and relevant development. In fact, UACH is among the five most prestigious universities in Chile, excelling nationwide in research and teaching.

The University Austral is the proud results of years of hard work, consisting of: two campuses in Valdivia, a campus in Puerto Montt, the Trapananda Research Center in Coyhaique, an administrative office in Santiago, 9 faculties (college), 50 undergraduate degrees, 13,000 students, more than 800 professors, 152,000 books in their ample libraries, Internet connection via Wi-Fi, laboratories, test centers, multimedia laboratories, sports center, museums, test farms, one of the most modern veterinary hospitals in South America and a 11-hectare botanical garden, one of the most outstanding of its kind in the continent. All of the above are the products of an arduous and persevering effort to contribute to the development of Chile.
Our University: the discovery of a new world
The Main Administration office of the University Austral at #641 Independencia street is located in the heart of Valdivia. This central office is the headquarters of the President and his administration. The Provost’s office, located nearby at #809 Yungay street, houses the National and Regional Relations office and the International Relations office whose objectives are to strengthen regional and international connections and collaborations.

Miraflores Campus
The Miraflores Campus contains one of the most important departments of our University, the Department of Engineering Sciences, whose academic programs are recognized nationally. In addition to five other engineering programs, this department is a pioneer in the creation of a Sound Engineering degree that later evolved into a degree in Civil Acoustic Engineering.

The Campus has one of three channels in Latin America in which ship models and ships’ hydrodynamic characteristics can be tested, as well as a modern multimedia laboratory. In fact, this is the only institution that offers a degree in Naval Engineering that utilizes its own hydrodynamic model canal and modern multimedia laboratory.

Isla Teja Campus
The Isla Teja Campus is the ecological heart of Valdivia. It is like a classical impressionist oil painting in which the colorful flora and extensive fauna catch the eye and meld together with the University’s architecture. Eight of UACh’s nine departments are found here.

This is the most extensive Campus of our University. Aside from lecture halls, laboratories and a language center, it houses additional services such as cafeterias, a post office, a bank, a movie theater and the Aula Magna, where the most important events of the University are held.
Puerto Montt Campus UACh
The Puerto Montt Campus of the Universidad Austral of Chile is located in the city that bears the same name and it is the capital of the Tenth Region (Región de Los Lagos). Puerto Montt is a commercial town that is located on the rough and windy coast of the South. This campus is one of the most important educational centers in the area. Puerto Montt campus, in addition to developing marine sciences, offers a variety of degrees whose programs correspond to the economic realities and needs of the region and nation. These programs integrate teaching, research and community outreach.

The windy coast of the South and its campus is one of the most important educational centers in the area. In addition to developing the cultivation of marine resources, it offers a wide variety of programs in conjunction with the local economy.

Patagonia Campus UACh
The Patagonia UACh Campus is located in Coyhaique, the main city of the Aysen Region. The campus of Coyhaique UACh includes the Bachelor studies in Engineer Sciences and Sciences and Natural Resources. Both programs allow students to start their studies in this region for two years. Then, they can move to the Valdivia Campus and choose from a variety of undergraduate majors and finish their studies.

The Trapananda University Center is also located in Coyhaique city. The principal objective of the Trapananda University Center is to promote and support research at the University Austral in northwest Patagonia. This center has progressively concentrated on the development of studies applied to the management and conservation of natural resources. The Trapananda University Center maintains a close connection to the private and public sector of the southern Austral zone.

Representative Office in Santiago de Chile
Our University also has a Representative Office in the capital city of Santiago that works to establish the presence of UACh in other regions of the country (primarily in the Metropolitan Region) At the same time it promotes communication with other national and international institutions.
Studying at UACH is the beginning of a great experience. Our University offers an interesting array of undergraduate studies in multiple locations such as the Valdivian campuses of Isla Teja and Miraflores and the campus of Puerto Montt. “Knowledge in contact with nature”, is part of a life philosophy that offers a renewed vision of the world. Come and discover a different path!

- Isla Teja and Miraflores Campuses (Valdivia): 38 careers
- Puerto Montt Campus: 10 careers
- Coyhaique: 2 bachelor’s degrees

CAREERS

Valdivia (Isla Teja and Miraflores Campuses):

COLLEGE OF SCIENCE:
- Marine Biology
- Biochemistry
- Biological Sciences
- Chemistry and Pharmacy
- Geography

COLLEGE OF AGRICULTURE:
- Agricultural Sciences
- Food Manufacturing Engineering

COLLEGE OF ECONOMICS AND ADMINISTRATION:
- Accounting and Auditing
- Business
- Tourism Business Administration

COLLEGE OF FORESTRY AND NATURAL RESOURCES:
- Forestry
- Natural Resources Conservation

COLLEGE OF LAW:
- Law

COLLEGE OF VETERINARY:
- Veterinary Science

COLLEGE OF ENGINEERING:
- Architecture
- Acoustics
- Electrical Engineering
- Computer Sciences
- Industrial Engineering
- Mechanical Engineering
- Construction Engineering
- Naval Engineering
- Bachelor in Engineering Science
COLLEGE OF PHILOSOPHY AND HUMANITIES:
- Anthropology
- Journalism
- Teaching English as a Foreign Language
- Teaching Physical Education, Sports and Recreation
- Teaching Spanish and Communication
- Teaching History and Social Studies

COLLEGE OF MEDICINE:
- Medicine
- Nursing
- Dentistry
- Nursing and Obstetrics
- Kinesiology
- Medical Technology
- Occupational Therapy

Academic Vicerrectory
- Degree on Visual Arts
- Musical Performance Studies

Puerto Montt Campus:
- Aquaculture
- Business
- Medical Technology
- Computer Sciences Engineering
- Industrial Engineering
- Phonology
- Psychology
- Teaching in Special Education
- Information Science and Control Engineering
- Teaching Mathematics

Coyhaique Campus:
- Bachelor in Engineer Sciences
- Bachelor in Sciences and Natural Resources
The University Austral of Chile offers an array of opportunities in post graduate studies including a variety of Doctoral, Masters and Certificate programs.

The Postgraduate Studies Direction of Universidad Austral de Chile depends on the Academic Vicerrectory and offers 10 Doctoral Programs, 23 Master Programs. Several of these are accredited by the National Accreditation Commission (NAC) and others under process of accreditation, and the 37 graduate programs (Diplomates and Specializations).

> Doctoral Degrees:
- Marine Biology
- Agricultural Science
- Aquaculture Sciences
- Forest Sciences
- Human Sciences in Discourse and Culture
- Medical Sciences
- Cellular and Molecular Biology
- Ecology and Evolution
- Microbiology
- Veterinary Science
> Master’s Degrees:
- Acoustics and Vibrations
- Master of Business Administration
- Health Sciences in Environmental Health, Clinical Management, Family Health, Sexual and Reproduction Health
- Soil Sciences
- Neurosciences
- Genetics
- Microbiology
- Pathology
- Animal Production
- Forest Resources
- Hydric Resources
- Animal Health
- Plant Sciences
- Communication
- Rural Development
- Education Policy and Management
- Innovation Engineering
- Mechanical Engineering and Materials
- Contemporary Spanish American Literature
- Clinical and Epidemiological Methodologies in Medicine Practice
- Veterinary Preventive Medicine
- Regional Development Planning and Management

> Graduate programs (Diplomates):
College of Science
- Advances in Pharmacotherapy

College of Agricultural Science
- Animal Production (Distance Learning Modality)

College of Economy and Administration
- Diploma in Higher Management
- Human Capital Administration
- Business Administration
- Touristic Marketing and Administration
- Human Resources Administration
- Tourism and Local Development Administration
- Rural Tourism
College of Engineering
- Energy Efficacy and Environmental Quality in Construction

College of Legal Studies
- Property Law

College of Veterinary Sciences
- Innocuousness in Food
- Quality in Meat
- Genetic, Productive and Reproductive Improvement

College of Medicine
- Public Health and Family Health
- Sanitary Administration
- Advanced Functional and Adhesive Aesthetic Dentistry
- Psycho-Oncology

Puerto Montt Campus
- Industrial Engineering
- Operations Management

> Graduate programs (Specializations):

Medical Specializations:
- Pathological Anatomy
- Surgery
- Community and Family Medicine
- Internal Medicine
- Nephrology
- Obstetrics and Gynecology
- Orthopedics and Traumatology
- Pediatrics
- Psychiatry
- Urology

Agricultural Specializations:
- Science and Technology in Milk Production
- Plant Physiology
- Plant Improvement
- Plant Production
- Plant Health

Specializations in Veterinary Science:
- Graduate in Ruminant Zoo Technology
- Graduate in Clinical Veterinary Science, specialized in: Ruminant, Equine Studies, Small Animals, Clinical Veterinary Pathology
The Extension Direction of the University Austral of Chile (UACH) is located in the southern city of Valdivia, more specifically in the Patrimonial House “Luis Oyarzún”. It is in charge of leading the aspects related to extension courses, supported by the Department of Community Culture and Arts, the Department of Academic Scientific Studies and the Social Responsibility Department.

The purpose of Extension Direction is to coordinate the university units and activities and their relation to extended studies areas. This is done by different means: carrying out a variety of activities such as artistic and scientific travelling exhibitions, sponsorships, extension grant funds, presentations and workshops which aim to incorporate all university members as well as the community.

The Extension Direction of the University Austral of Chile is characterized by being bidirectional, since it creates a connection between the society and the interdisciplinary, artistic, technological, productive and professional environments. This link is encouraged by the social role of this University, which recognizes through its statutes the importance of service, retribution and disinterested cooperation in the society, the culture and the environment in which this entity is settled. Therefore, the Extension Direction establishes a dialogue with this environment, which facilitates its connection with other activities immersed in the University, such as undergraduate and postgraduate courses, as well as research.

For these reasons a number of strategic alliances and agreements have been created with other corporations and institutions, including town councils and governmental entities. Establishing important connections and collaborative agreements is important to foster the development of science, arts and culture.

The development of these activities incorporates the whole university community. It helps to improve the competences of the UACH graduates.

Likewise, the grant funds provide opportunities to participate in different initiatives aimed to connect the academic activities with the southern community of the country, set in a context of transference, diffusion and mutual learning.
Maurice Van de Maele Museum of History and Anthropology

Universidad Austral de Chile

Conocimiento y Naturaleza
The integration of the lines of work and development previously mentioned, support the concept of an updated university extension on the spreading of scientific and cultural knowledge, based at the same time on the social and environmental development. The institutionalization of this university section is reflected by the Extension Studies Policies, the Academic Major Regulations, and the systematization of indicators which allow quantifying the impact, quantity and quality of the development of extension studies activities from an academic perspective.

Moreover, the Extension Direction also incorporates two artistic groups, which are nationally renowned: the Folkloric Ballet (BAFUACH) and The University Choir. The members of both groups are students from UACh, who play an important part in the diffusion of Arts and Music.

Regarding Arts and Culture, the Extension Direction is also supported by the UACh Cine Club, a cinema which offers a large variety of prestigious films. In addition, different activities are organized in order to promote Art Cinema and motivate the public. Similarly, the UACh 90.1 FM Radio is one of the main means of communication of this university, which also belongs to the Extension Direction.

In the same way, the Extension Direction involves other units located in the cultural campus of the University. This includes the Maurice Van de Maele Museum of History and Anthropology, the R. A. Philippi Museum of Exploration in Valdivia, and the Contemporary Art Museum (MAC). These are important institutions in charge of protecting the natural and historical heritage, as well as promoting the New Arts. Moreover, this department also integrates a Music conservatory, which offers interesting extension activities for all the community combining both education and music.
Since its founding in 1954, the Universidad Austral de Chile stands out by taking a strong commitment to the development of its regional and national levels. By dialogue with society, it is closely linked with the environment, promoting cultural and productive growth and contributing to the positioning of the Region in the country.

The Unit of National and Regional Relations are in charge of creating these partnerships between the University and various public and private, service-oriented communities and the academic resources available to establish several cooperation agreements. Recent years have highlighted a number of important events that are the corollary of sustained commitment to the development of the environment by the university.

It is important to point out the crucial role UACh played in the creation of the Los Ríos Region in October of 2007. The University’s department of Forestry and Natural Resources contributed to regional and national development through the enactment of the Native Forests Act.
The International Relations Office was created with the intent of integrating the university into today’s globalized world. This office generates, develops and maintains the international connections of the University Austral of Chile and is the center of operations in achieving the objective of internationalization.

The mission of the International Relations Office is to supervise the promotion and maintenance of positive relations and mutually beneficial alliances with international authorities and organizations. This office generates agreements and exchanges in the areas of teaching, research, and administration. The overall objective is to strengthen academic activity, student exchange, the creation of international networks, joint programs and business administration.

This unit also administers the international agreements database and the student mobility record. Currently, there are international agreements with 185 institutions of higher education and also investigations carried out in different countries of the world.

It is important to highlight, among other examples, the Agreement of Human Development Programs between OAS (Organization of American States) and the University Austral of Chile. This agreement establishes the terms and conditions to ensure the appropriate cooperation from both institutions, in order to foster Education and Human Development in America.

In regards to Student Mobility, the last annual records provide evidence of permanent exchange of students from the UACh to foreign institutions and viceversa.
The University Austral of Chile emphasizes on cross-curricular areas in Research and Development + innovation (R+D+i), such as: Non-conventional Renewable Energies; Nutrition; Water Resources and the Environment; Silvicultural, Agricultural and Livestock Areas, and Cross-cultural Studies in Social Sciences.

These are global issues. Therefore, the UACh incorporates these issues in its line of work, being recognized for its scientific productivity and its graduate programs (Find projects and publications references at http://investigacion.uach.cl/).

According to the Chilean government, the UACh has adopted innovative measures in order to enhance competitiveness, carrying out projects of public and private interest in fields such as Tourism, Technology Nodes, Animal Health, Rural Education, Preservation of Natural Resources, Creative Industry and Biomedicine.

Today, more than 400 projects are being carried out, financially supported by grant funds. The funds are distributed among the following units: College of Science, College of Agricultural Science, College of Engineering, College of Economics and Administration, College of Forestry, College of Legal and Social Science, College of Veterinary, College of Philosophy and Humanities, College of Medicine, and also Puerto Montt UACh Campus. Other units are also included such as the Academic Vicerectory, the Nutrition Research Centre, Food and Sustainability Technology-CIEN Austral (Puerto Montt), La Trapananda Centre (Coyhaique), and the Research Centre of Patagonian Ecosystem (CIEP, Coyahique).

Projects are supported mainly by the public funds Innova Chile (CORFO), the National Fund of Scientific and Technological Development (FONDECYT), the Innovation Fund for Regional Competitiveness (FIC-R), and they also work with the support of private institutions, which benefit directly from the research. UACh projects focus on R+D+I, generating new knowledge, and also participating in applied investigations in a variety of initiatives promoted by companies and productive areas. Thus, studies are also focused on Regional Administrations, in order to boost the development of the southern zone of the country.

Most of the R+D+i projects are internationally connected by the 7th Framework Program of the European Union, more specifically linked to Germany, Spain, Belgium and Italy. In addition, the UACh has specific agreements with the United States, related to Silviculture, Agriculture and Livestock (Virginia Tech). Similarly, this university is carrying out Science and Society projects in agreement with Argentina, Mexico and Spain. Moreover, it participates in international ALFA and CYTED projects and a variety of networks, either in the research area or in advanced training.
R+D+i activities, investigation agreements and services provide an income of $30 million a year for the UACh. The results of investigations are translated in ISI publications, with an emphasis on productive disciplines such as Ecology and Evolution, Medicine, Animal Health, Marine Biology, Oceanography and Seismology, among others. This means a rate of 0.55 publications per academician, equivalent to a full-time working day. In addition, the university has registered 12 patent applications in recent years.

The area of research in the UACh is coordinated by the Research and Development Administration (DID), plus two offices that provide professional support in Administration of Research Initiatives (Office Gi2) and Administration of Innovation (Office i3), and also a Strategic Communication Office.

Projects and Publications

308 research projects (2010 - 2011)
358 research projects (2009 - 2010)
334 ISI publications (2010)
333 ISI publications (2009)
246 ISI publications (2008)
101 Scielo publications (2010)
120 Scielo publications (2009)
93 Scielo publications (2008)