

University of Bern ...

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UNIVERSITÄT
BERN

University of Bern – knowledge creates value

Internationally connected and regionally anchored, the University of Bern cultivates exchange with society and strengthens partnerships between science, business, and politics. The University of Bern is committed to a deliberate and ethical responsibility towards people and animate and inanimate nature. It seeks to be an important educator in the future, to promote enterprise and industry in the region and beyond, and to distinguish itself through problem-oriented research into questions of pressing social relevance.

... thinking, acting, and innovating in the service of society with

- 560 professors, 720 lecturers, and 3,400 assistants in an outstanding infrastructure
- 17,500 undergraduates, graduates and doctoral students at around 160 institutes in eight faculties in a broad spectrum of academic disciplines from German studies to physics and medicine
- 40 bachelor programs, 70 master programs, and over 200 further education courses with 4,200 academic qualifications per year
- doctoral programs and graduate schools designed specifically to encourage young scientists
- approximately CHF 850 million annual budget with a very high proportion of competitive external funding: indicative of the high value of Bernese research
- basic research, problem-oriented research, and applied research that leads to new products or start-ups
- a tradition of university education and diverse services since the first academy in 1528 and founding of the University in 1834.

Graduate School of the Humanities
Graduate School for Cellular and Biomedical Sciences
Graduate School for Health Sciences
Graduate School Gender Studies
Graduate School of Climate Sciences
Graduate School of Economic Globalisation and Integration at the World Trade Institute
International Graduate School North-South

Albert Einstein Center for Fundamental Physics
ARTORG Center for Biomedical Engineering Research
Center for Regional Economic Development
Center for Space and Habitability
Centre for Development and Environment
Centre of Competence for Public Management
Oeschger Centre for Climate Change Research
World Trade Institute

Faculty of Theology
Faculty of Law
Faculty of Business, Economics and Social Sciences
Faculty of Medicine
Vetsuisse Faculty (Veterinary Medicine)
Faculty of Humanities
Faculty of Human Sciences
Faculty of Science

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Researching and Teaching at the Highest Level

tercultural exchange and confrontation are increasingly important models of human long-term memory systems do not account trade sanctions for economic purposes. Integrating economic newly discovered extra-solar planets to unravel the physical pre-pensable prerequisite for any future critical edition of Parzival. e on micro-organisms of cavitated occlusal carious lesions in c-uction of theories of particle interactions in the framework of cratic participation and legitimation in European integration: T tive pharmacokinetic modeling and CYP-dependent metabolism o practical solutions, creative teamwork across the ARTORG d of another eukaryote. Leukocytes that harbour Theileria acquir ovaginositosis. lavage for treatment of septocentrosynovitis in a ta orbital spectrometer for ion and neutral analysis (PCSINA) v-acterization of pestivirus infections in small ruminants and nev am is preparing the ground for a new electronic edition of W construction and installation at CERN in Geneva, to exploit the formation & Public Private Partnership. Tourism-political mission igh-resolution dual-source CT for forensic dental visualization topic of theology as "science" and juridical and canonical asp long journey to the comet Churyumov-Gerasimenko. The Uni uiding principles on internal displacement, in: forced migration ion radiocarbon dating and historical biblical archaeology in S ressure due to accelerated global processes of environmental, principal that language is to be seen as a fait social; every lan

For creative thinkers and team players: state-of-the-art research today and tomorrow

The highest research station in Europe, on the **Jungfrauoch**, is used for climate science amongst others. The world-renowned Oeschger Centre for Climate Change Research is active in **climate reconstruction**, climate system sciences, and in researching the **consequences of climate change** for the economy and society.

In **medicine** and **dentistry**, the University, together with the University Clinics of the Inselspital, constitutes an internationally recognised centre of excellence. In **membrane biology**, the innovative research project TransCure seeks novel therapies and drugs.

The Centre for Development and Environment is focused on sustainability issues in developing and emerging countries and in Switzerland and Europe. It devotes its research to the **sustainable use of natural resources** and the alleviation of the consequences of global change.

Bernese **medical technology research**, with the interdisciplinary ARTORG Center for Biomedical Engineering Research, focuses on computer-assisted surgery and on artificial organs.

During the first **moon landing** in 1969, Edwin E. Aldrin unfurled a solar wind sail from the University of Bern even before the American flag. Since then, **space research** at the University of Bern has further expanded its internationally recognised leadership and has recently been incorporated into the Center for Space and Habitability.

A success factor of the Centre of Competence for **Public Management** is the bundling of the disciplines of business studies, economics, sociology, political science, and law. The increasing importance of **regional development** is addressed by the Center for Regional Economic Development.

Veterinary research is directed towards the health of animals and people, studies animals as a model for investigating themes relevant to human medicine, and achieves excellence in the sphere of Veterinary Public Health.

The World Trade Institute has established itself as a Swiss centre of excellence on aspects of economic globalisation. It takes interdisciplinary approaches to the issue of how **international economic relations** should be regulated.

Education, psychology, and sport sciences research the development and promotion of **competence** and **psychological health** throughout the lifespan.

The Bernese tradition of excellent research in the field of **fundamental physics** is continued at the Albert Einstein Center with emphasis on theoretical and **high energy physics**.

Theology possesses a unique profile due to its interreligious orientation with **old catholic** and **protestant** theology, interreligious studies, and **Jewish** studies.

The core competences of the humanities lie in studying the **cultural dimensions** of globalisation. In addition, particular studies are addressed which are unique within Swiss higher education: these include theatre and dance studies, the history of contemporary art, and the history of the textile arts.