Welcome to Lithuania

- 170 000 students
- 23 universities: 14 state, 9 private
- 24 colleges: 13 state, 11 private
- 12 state research institutes
- 17 300 researchers, 7800 with PhDs
- 300-400 new doctoral degrees each year
- 9,7% researches in business and industry
- 0,92% of GDP investments in R&D

Vilnius University
Established in 1579

The oldest and largest Lithuanian higher education institution is an active participant in international scientific and academic activities.

Mission

- To maintain freedom of thought and diversity of opinions
- To develop a unity of research and studies
- To conduct a broad spectrum of fundamental and applied research
- To persue international excellence in the interdisciplinary research

Vilnius University today

- **14** faculties
- **5** institutes
- **3** university hospitals
- One of the richest libraries in Europa
- An astronomical observatory
- A botanical garden
- The cherished Curch of St. Johns
- Several museums
- A dormitory campus
- Laboratories
- Summer resorts

University campuses

- There are eight academic campuses, scattered all over the city of Vilnius.

- The Faculty of Humanities in Kaunas is the only faculty of Vilnius University established in a different city other than the main campuses

- The Old Campus extends over a whole block of the Old Town. At present the Rector's Office, the Library, the Institute of Foreign Languages, the Faculties of Philology, Philosophy and History, as well as some interdisciplinary centres are situated in the old town.

Personnel (2013-01-01)

Statistics (*full-time equivalent)

Total*	**3 761**
Professors*	247
Docents*	476
Academic Staff*	**1 353**
Research Fellows*	**480**

Student Numbers (2013-01-01)

Total	**21 596**
Undergraduate	14 890
Graduate	4 046
Doctoral Students	793
Medical Doctors in Residency	785
Attenders	1082

International students

Total	**713**

Studies at Vilnius University
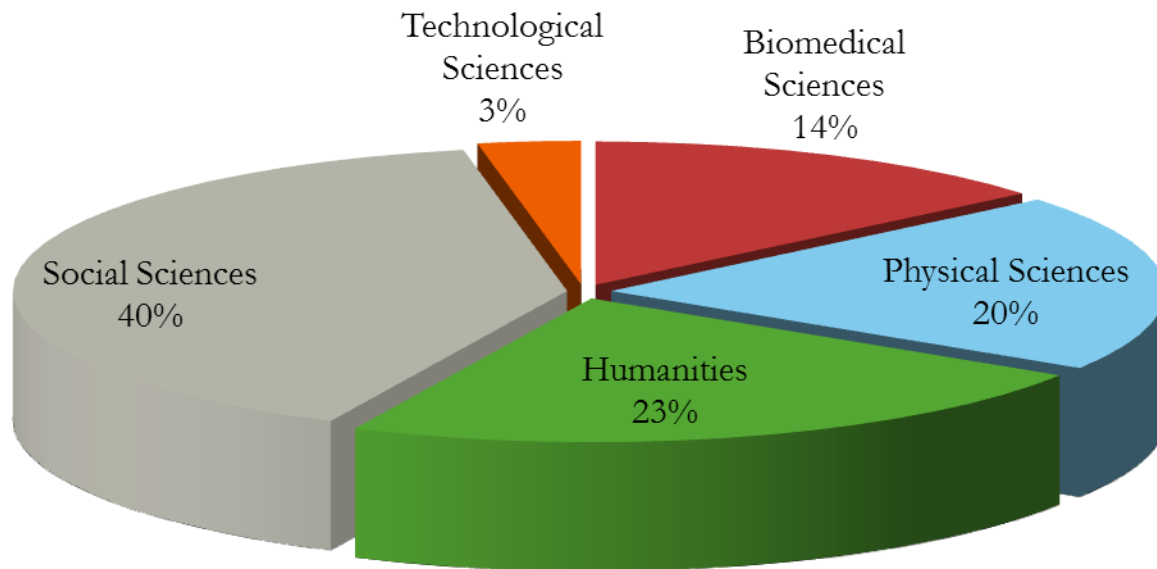
International Cooperation

Bilateral Agreements – 123 (2012)
Erasmus Agreements – 757 with 395 universities (2012)

European educational programmes:

- Life Long Learning;
- Erasmus Mundus:

    Action 1: Erasmus Mundus Master Course: "Sustainable Regional Health Systems". Participating universities - University of Deusto, Corvinus University of Budapest, University of Verona and Vilnius University (coordinator of this project)

    Action 2 (7 projects): Academic exchange with the Universities in the following countries: Egypt, Lebanon, Syria, Jordan, Belarus, Moldova, Ukraine, Palestine, Morocco, Tunisia, Algeria, Israel, Georgia, Armenia.

- Nordplus

Networks:

- 4 thematic networks under ERASMUS
- 9 thematic networks under NORDPLUS Higher Education
- UTRECHT; MAUI, AEN;
- BSRUN
- CREPUQ
- UNICA
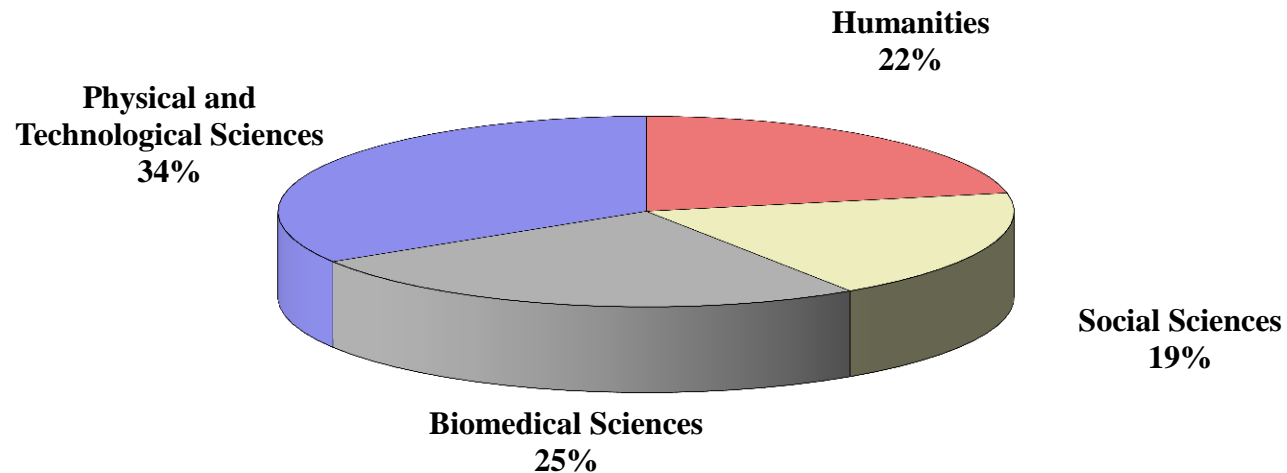- ISEP
- EU²S²
- Scholars at Risk/New York University
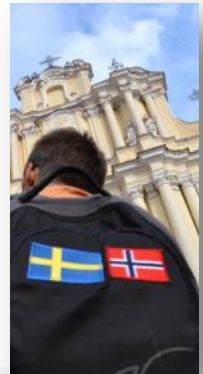
Member of EUA, IAU
Signatory of Magna Carta

Research

Vilnius University has over 2300 teaching and research staff (71 percent holding scientific degrees).

Humanities 22%

Physical and Technological Sciences 34%

Social Sciences 19%
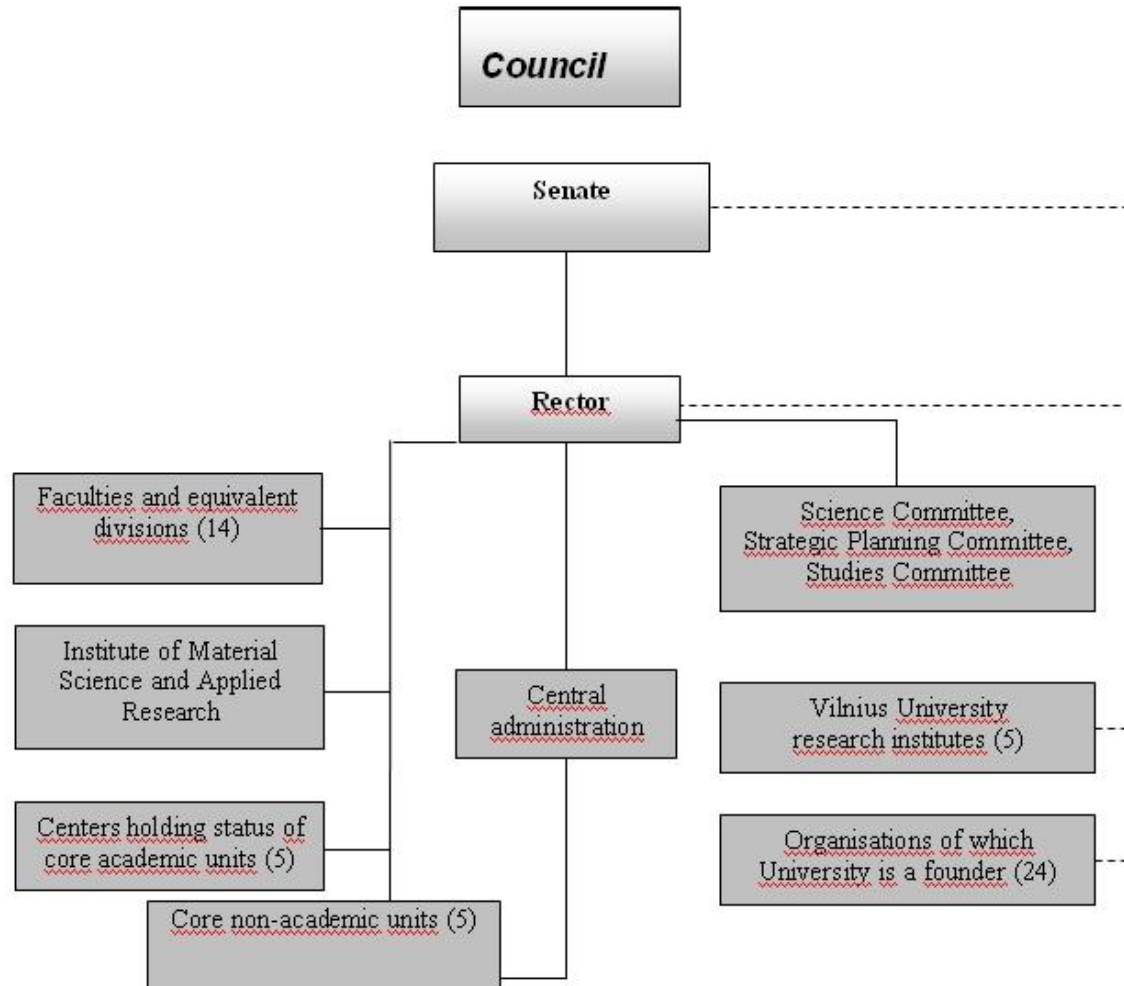
Biomedical Sciences 25%

Research priorities and acknowledged achievements

- Baltic Studies
- Research on History, Philosophy, Book Science of Lithuania, Lithuanian language and literature
- Biochemistry, Genomics and Biotechnology
- Laser Physics and Technologies
- Physics of Semiconductors and Non-crystalline Materials
- Mathematical Methods and Models, development of IT
- Cardiovascular system reconstruction and development of new treatment methods

Vilnius University Structure

Council

Senate

Rector

Faculties and equivalent divisions (14)

Institute of Material Science and Applied Research

Centers holding status of core academic units (5)

Core non-academic units (5)

Central administration

Science Committee, Strategic Planning Committee, Studies Committee

Vilnius University research institutes (5)

Organisations of which University is a founder (24)

Integrated science, studies and business centres – valleys

Where research, higher education and high tech business come together

Research

Innovation and competetiveness

Studies
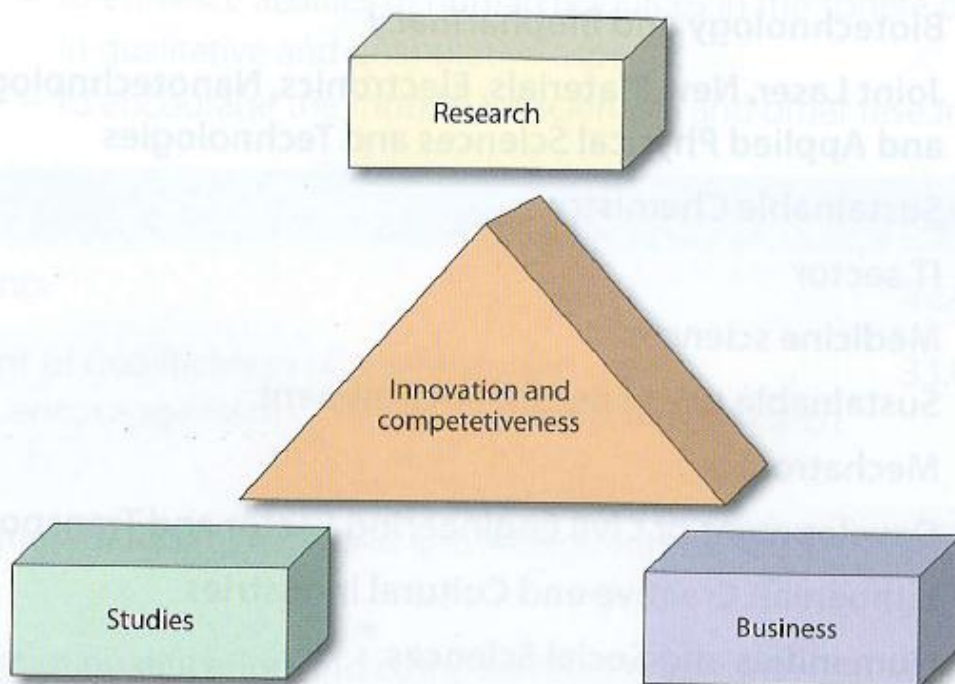
Business

Valleys – R&D, study and business clusters

Santara Valley

Total state investments – 68,5 M €

- Biotechnology
- Molecular Medicine and Biopharmacy
- Research of Ecosystems and Sustainable Environment
- Design, Informatics and Technologies of Communications

Projects	Funding (M €) Ministry of Education and Science	Number of researchers
Centre for Life Sciences	36.31	290
Innovative Medicine Centre	14.84	60
Nature Research Centre	4.35	220
IT Centre	1.56	90

Saulėtekis Valley

Total state investments −102,3 M €

- Laser and Light Technologies
- Material Science and Nanoengineering
- Electronics and Organic Electronics
- Civil Engineering

Projects	Funding (M €) Ministry of Education and Science	Number of researchers
National Centre of Physical and Technological Sciences	58.01	700
Civil Engineering Centre	5.47	80
Laser Research Centre	3.31	20

CENTER FOR PHYSICAL SCIENCES AND TECHNOLOGY

more than **700** scientists and students
24 open – access laboratory

25, 0000 m^2 area

Founded Basics :

- Institute of Physics (FI)
- Chemical Institute (CHI)
- Semiconductor Physics Institute (MFI)
- VU Institute of Theoretical Physics and Astronomy (ITPA)
- VU Physics Department of Chemistry
- Faculty of Materials Science and Applied Research Institute
- Faculty of Electronics

- To be complited **in March 2015**;

- Value of **239 million LTL**;

- For construction – **130 million LTL**;

- For equipment – **107 million LTL**;

- **85 %** funded by EU;

- **15 %** funded by Republic of Lithuania.

LITNET

- **LITNET is Lithuanian Research and Education Computer Network founded in 1992 on initiative of Lithuanian universities and academic institutions. LITNET interconnects computer networks of academic, research and education institutions all over Lithuania.**

- **Vision:**

  To serve research and education institutions with e-services needed for the equal participation of researchers in the Common European Research environment, to develop e-Science, e-Studies and other Knowledge Society activities, which require innovative information technologies. LITNET is an effective and secure environment designed for research, teaching and studies, as well as for intercommunication.

LITNET Governance

Council
(6 + 5)

Expert Group

CERT
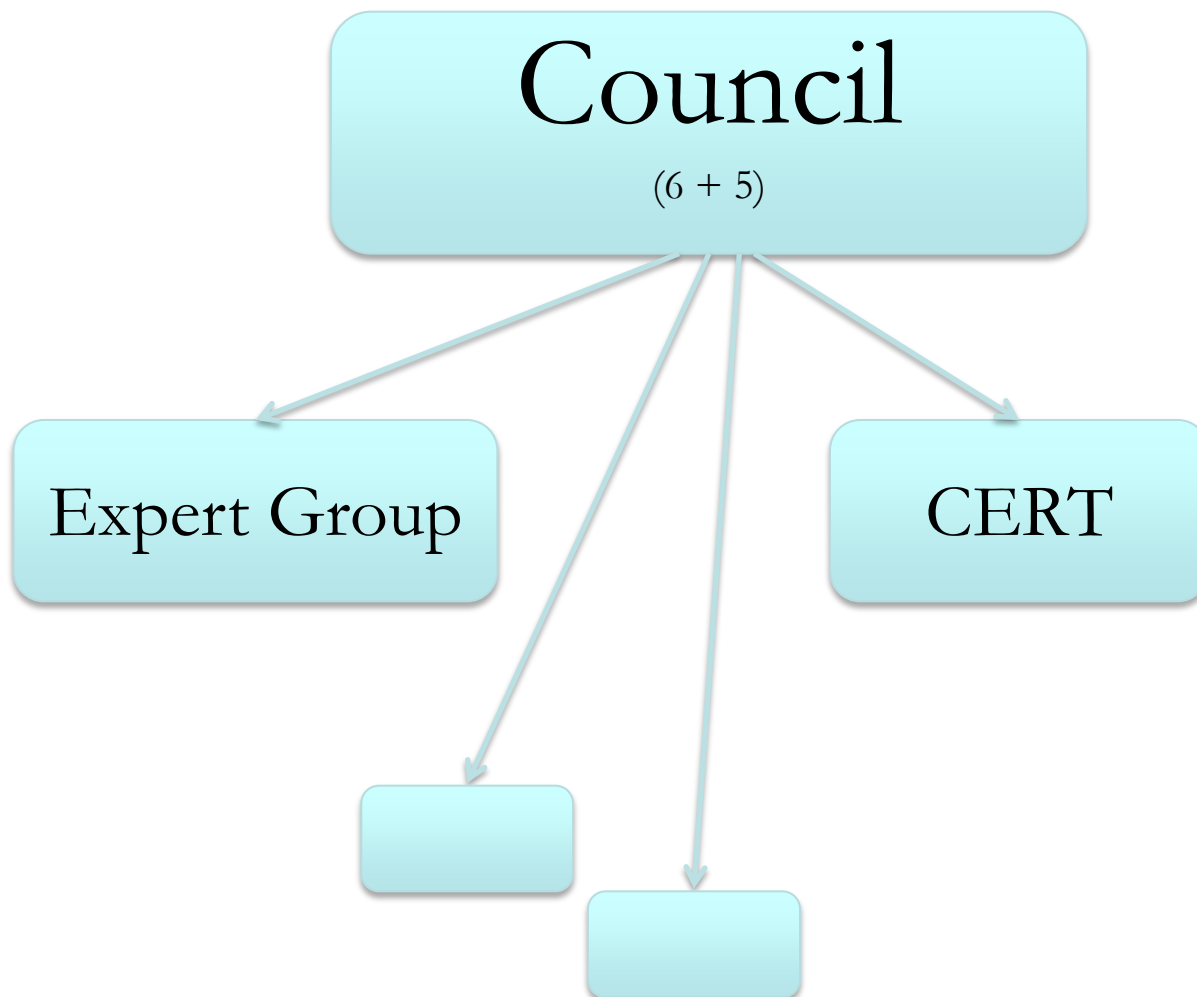
LITNET Maintenance

LITNET infrastructure is maintained by **Technical Centers (TC)**:

· Kaunas University of Technology
· Klaipėda University
· Šiauliai University
· Vilnius Gediminas Technical University
· Vilnius University
· Vytautas Magnus University

LITNET TCs are responsible for the maintenance of LITNET backbone, switching nodes and communications lines. They provide connectivity, data transfer and e-services to Lithuanian education and research institutions.

LITNET Infrastructure

LITNET Objectives

- To maintain and develop LITNET connectivity infrastructure and services
- To provide high quality facilities for academic community to act in electronic space
- To ensure security of the network, e-services and users, to improve continuously security measures

LITNET Tasks

- To harmonize the LITNET capacity with growing requirements of users taking into account potentialities of EU academic and Research computer network GEANT
- To develop and expand data transfer capabilities for research and education institutions as well as projects
- To ensure throughput, quality and reliability of data transfer
- To ensure resistance of LITNET to cybercrime attacks and violations
- To implement preventive technologies and tools against network incidents, to elaborate procedures of response
- To provide services to academic institutions, to improve quality of provided e-services

Services provided by LITNET to Research and Education Institutions as well as Researchers

- Connection to the Academic network
- Data transfer service
- Domain administration
- Project dedicated connection on demand (for Research project only)
- Institutional E-mail service
- Hosting of webpages and blogs
- Hosting of servers
- International roaming service for users in research and higher education (*Eduroam*)
- Training courses and consultations

Thank You

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