2013
Comenius University
in Bratislava
in Numbers and Graphs
Contents

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Comenius University in Bratislava, the oldest higher education institution in Slovakia, is a classical university which uses all academic freedoms and rights defined under law. It is an open, multicultural, autonomous and self-governing institution which is free of political, ethnic, religious and other external influences. Due to its 95-year history and tradition, Comenius University is considered to be Slovakia’s national university and has a level of research which is undoubtedly of international quality. The university has the ambition to be a centre of education and a university oriented towards expansive international cooperation. The university hopes to intensively participate in fundamentally developing tertiary education and research in Europe, and particularly in the European Higher Education Area (EHEA) and European Research Area (ERA).

In the area of educational activity the university offered a total of 705 study programmes in which the university has been granted the right to award the relevant academic degree at bachelor’s, master’s or doctoral level. Despite there being 245 fewer students than the previous year, the university has...
maintained its position as the oldest university in Slovakia and the national university. In the 2013/2014 academic year 27,347 students studied at Comenius University at tertiary level, representing 14.18 % of all students at public, private and state higher education institutions in Slovakia.

In the preferred **full-time form of tertiary study** there was an increase of 334 students (from 22,534 to 22,868 students). There were 4479 students at CU studying **part-time**, which is 350 fewer than in 2012. Part-time students make up 16.4 % of all students at the university. It is encouraging to see the noticeable increase in the number of international students (up to 2348 from 2267), who have come from over 70 countries. International students make up about 8.6 % of all students at CU and 21.1 % of all international students at Slovak higher education institutions.

There were 2515 students in **doctoral study** at CU, which is more than 25 % of all doctoral students at higher education institutions in Slovakia.

The number of **graduates** at all levels of tertiary study at the faculties of Comenius University in 2013 was 7275. 6849 of these graduated at the first two levels of tertiary study. The academic title of **philosophiae doctor** (PhD), recognising the successful completion of the third level of study, was awarded to 426 graduates, which is more than 20 % of all such degrees awarded in Slovakia. 862 graduates were awarded degrees with distinction.

The quality of studies at CU is proven by the fact that according to the Central Office of Labour, Social Affairs and Family in Bratislava to September 2013 there were only 57 graduates of our university who were registered as unemployed (for a period of 13 to 18 months).
As establishments of continuing education, the university’s faculties have supplemented, widened and deepened the education of 5031 employees, students and other citizens. The university’s Centre for Continuing Education was attended by 3390 students and other interested people. As is tradition, the university helped organise the Children’s University, which celebrated its 11th year of operation.

In the area of science and research, in 2013 CU was awarded a total of €6,523,825 in the VEGA, KEGA and Slovak Research and Development Agency (SRDA) programmes and other domestic project and grant programmes. From this amount, resources for current expenditure totalled €6,224,444 and resources for capital expenditure totalled €299,381.

As a part of supporting science and research activity, the CU rector has provided CU Grants for young academics and doctoral students since 1997. Of 618 projects submitted in 2013, 316 were awarded financial resources totalling €304,080.

In terms of human resources, the situation has been stable for some time. 4429 people were employed at CU (the average number of personnel calculated on employment contracts) whose salaries were financed from subsidised and unsubsidised sources. This is an increase of 62 employees compared to the previous year. The number of teaching staff increased by 42 (from 1921 to 1963) and was accompanied by a reduction in the number of research staff (by 9 from 444 to 435). CU had 288 teaching staff who held the position of professor and 447 teaching staff holding the position of associate professor (docent). A positive result of the university’s well thought-out strategy in the qualification structure is the number of teaching staff without a PhD qualification, which remained at 15 % of the total.
The average monthly salary of a CU employee in 2013 from all sources was 1051.75 euros, which is a year-on-year increase of 44.37 euros. The average monthly salary of CU teaching staff was 1296.20 euros in 2013, which is an increase of 39.92 euros compared to 2012. The biggest increase was registered in the category of teaching staff with the rank of professor; this group had an average monthly salary of 1909.00 euros, which is an increase of 49.34 euros.

In the area of financial management the university had a positive financial result of €3.37 million euros after tax, which was a little less compared to the previous year. Despite this weaker result, this is still proof that self-governing academic organisations and their management at university level can operate effectively. The total revenues of CU totalled 144.52 million euros from its main non-taxed activities and 7.18 million euros from its taxed activities; this amounts to 151.70 million euros in total earnings.

Subsidies from the part of the state budget allocated to the Ministry of Education, Science, Research and Sport of the Slovak Republic totalled 94.40 million euros, of which 1.65 million euros were capital subsidies. The university’s own revenues from its main non-taxed activities amounted to more than 40.69 million euros, which is around 28% of all revenues from main non-taxed activities and more than 27% of all revenues.

Expenses in main non-taxed activities totalled 141.34 million euros; in taxed activities they totalled 6.96 million euros. Total expenditure from both activities amounted to 148.3 million euros. Tax from main non-taxed activities totalled 1925.17 euros and from taxed activities it totalled 23,360 euros.
The primary mission of Comenius University is to develop and broaden education, and work towards its deep understanding, while also acting as a research institution engaging in productive scientific research which opens new horizons in science and education.
A complete university of the classic type

- 13 faculties
- 288 professors
- 447 associate professors
- 435 researchers
- 31,424 students
- 1,963 teachers
Doctoral studies at CU in relation to Slovakia

CU’s share of all publication activity in Slovakia in 2013
CU’s share of Slovak publications in journals registered in the ISI Current Contents database for 2013

<table>
<thead>
<tr>
<th>Fakulta</th>
<th>Projekty</th>
</tr>
</thead>
</table>
| JFMED CU| Centre of Excellence for Personalised Therapy  
Prof. MUDr. Dušan Dobrota, PhD.  
Applicant project: duration from 09/2010 to 08/2013                                                                                         |
| FMPH CU | Completion of the Centre of Excellence for the Physics of Complex Systems  
Prof. RNDr. Peter Kúš, DrSc.  
Applicant project: duration from 02/2010 to 07/2013                                                                                         |
| FNS CU  | Development of the Centre of Excellence for the Exploitation of Informational Biomacromolecules for the Improvement of the Quality of Life  
Prof. RNDr. Marta Kollárová, DrSc.  
Applicant project: duration from 02/2010 to 01/2013                                                                                         |
| FPHARM CU| Centre of Excellence for Glycomics  
Prof. PharmDr. Ján Kyselovič, CSc  
Partner project: duration from 06/2010 to 06/2013                                                                                         |
The CU Leadership
- The rector of CU
- 6 vice-rectors of CU
- The registrar of CU

The Managing Authorities of CU as of 31 December 2013

The Rector:
prof. RNDr. Karol Mičieta, PhD.
**Vice-rectors:**

- doc. RNDr. Ján Pekár, PhD.
  *CU vice-rector for study*

- doc. Mgr. Vincent Múcska, PhD.
  *CU vice-rector for development*

- prof. RNDr. Ján Turňa, CSc.
  *CU vice-rector for information technology*

- prof. MUDr. Dušan Meško, PhD.
  *CU vice-rector for science and doctoral study*

- prof. JUDr. Mária Patakyová, PhD.
  *CU vice-rector for legislation*

- prof. RNDr. Ing. Ľudomír Šlahor, CSc.
  *CU vice-rector for international relations*
Higher education Institutions guarantee these academic freedoms and rights:

a) the freedom of scientific exploration, research, development of artistic and other creative activity and publication of the results,

b) the freedom of tuition relying primarily upon the openness of various scholarly opinions, scientific and research methods and artistic directions,

c) the right to learn with the preservation of the freedom of choice of study from among accredited study programmes,

d) the right to express oneself freely and have one’s opinions publicised,

e) the right of members of the academic community to elect the managing bodies of the academic community and be elected into them,

f) the right to use academic insignia and symbols and undertake academic ceremonies.

(section 4, Act No. 131/2002 Coll.)
Members

CU Faculty of Medicine
doc. MUDr. Daniel Böhmer, CSc.
doc. MUDr. Erika Macháčová, CSc.
doc. MUDr. Vojtech Ozorovský, CSc.
Barbara Marková
Kristína Horkovičová

CU Faculty of Law
JUDr. Lucia Kurilovská, PhD.
JUDr. Eduard Burda, PhD.
Mgr. Petronela Luprichová
Mgr. Peter Lukačka
Mgr. Juraj Gedra

CU Faculty of Philosophy
doc. PhDr. František Gahér, CSc.
prof. PhDr. Olga Orgoňová, CSc.
prof. PhDr. Zlatica Plašienková, PhD.
Bc. Ľubomír Chano
Bc. Róbert Procháška

CU Faculty of Natural Sciences
doc. RNDr. Martin Putala, CSc.
doc. Mgr. Miroslava Slaninová, PhD.
RNDr. Vladimír Falťan, PhD.
Mgr. Martin Babič
Mgr. Tomáš Charvát

CU Faculty of Education
PhDr. Katarína Cabanová, PhD.
doc. PhDr. Jozef Lysý, CSc.
doc. PhDr. Anna Butašová, CSc.
Mgr. Jaroslav Sýkora
Mgr. Peter Krajčí

CU Faculty of Pharmacy
doc. PharmDr. Jindra Valentová, PhD.
doc. RNDr. Magdaléna Fulmeková, CSc.
doc. RNDr. Magdaléna Kuželová, CSc.
Martin Mokriš
Gabriela Cveková

CU Faculty of Physical Education and Sports
PaedDr. Jana Labudová, PhD.
Mgr. Ján Cvečka, PhD.
doc. PhDr. Eugen Laczo, PhD.
Mgr. Pavel Šmelá
Adam Ščibrány

CU Jessenius Faculty of Medicine
prof. MUDr. Katarína Adamicová, PhD.
prof. RNDr. Peter Kaplán, CSc.
Mgr. Simona Kelčíková, PhD.
MUDr. Juraj Sokol
Anna Fullová

CU Faculty of Mathematics, Physics and Informatics
prof. RNDr. Anna Z. Dubničková, DrSc.
doc. RNDr. Daniel Olejár, PhD.
prof. RNDr. Daniel Ševčovič, CSc.
Mgr. Róbert Kysel

CU Faculty of Roman Catholic Theology
Mgr. Gašpar Fronc
prof. ThDr. Jozef Krupa, PhD.
Bc. Roman Bako
Csaba Mikus

CU Faculty of Evangelical Theology
doc. Mgr. František Ábel, PhD.
Mgr. Radoslav Hanus, PhD.
doc. Mgr. art. Anna Predmerská
Jakub Pavlúš
Valéria Terézia Krajčírová

CU Faculty of Management
prof. Ing. Ján Rudy, PhD.
PhDr. Viera Bennárová
doc. PhDr. Magdaléna Samuhelová, CSc.
Tomáš Kaščák
Kristián Malchárek

CU Faculty of Social and Economic Sciences
doc. PhDr. Olga Gyárfášová, PhD.
doc. Ing. Milan Horniaček, CSc.
PhDr. Juraj Podoba, PhD.
Ľubica Šimková
Dávid Žitňanský

Representative of professional staff
Mgr. Viera Štercelová, PhD.,
CU Centre for Continuing Education
The Deans of the Faculties at CU to 31 December 2013

prof. MUDr. Peter Labaš, PhD.
CU Faculty of Medicine

prof. JUDr. Pavol Kubíček, CSc.
CU Faculty of Law

prof. PhDr. Jaroslav Šušol, PhD.
CU Faculty of Philosophy

doc. RNDr. Milan Trizna, PhD.
CU Faculty of Natural Sciences

prof. PaedDr. Alica Vančová, CSc.
CU Faculty of Education

prof. PharmDr. Pavel Mučaji, PhD.
CU Faculty of Pharmacy

prof. PaedDr. Miroslav Holienka, PhD.
CU Faculty of Physical Education and Sports

prof. MUDr. Ján Danko, PhD.
CU Jessenius Faculty of Medicine

prof. RNDr. Jozef Masarík, DrSc.
CU Faculty of Mathematics, Physics and Informatics

doc. ThDr. Marián Šuráb, PhD.
CU Faculty of Roman Catholic Theology

Mgr. Ľubomír Batka, PhD.
CU Faculty of Evangelical Theology

prof. RNDr. Jozef Komorník, DrSc.
CU Faculty of Management

prof. PhDr. Silvia Miháliková, PhD.
CU Faculty of Social and Economic Sciences
Members of the CU General Board as of 31 December 2013

nominated by the minister of education:

PhDr. Katarína Bajcurová, CSc.
curator, Slovak National Gallery

RNDr. Pavol Demeš, CSc.
analyst, German Marshall Fund US

Ing. Elena Kohútiková, PhD.
management board member and representative of the chief executive officer of VÚB bank, Bratislava

Mgr. Andrej Kolesík
member of parliament, National Council of the Slovak Republic

prof. ThDr. Ing. Jozef Kutarňa, PhD.
head of the Department of Social Work with Children and Young People, the John Paul II Faculty of Missionary Work and Tropical Health, St Elizabeth University of Health and Social Sciences

MUDr. Darina Sedláková, MPH
chairwoman of the CU General Board (to 5 May 2013), director of the office of the World Health Organization (WHO) in Slovakia

nominated by the CU rector:

Ing. Bc. Pavol Frešo
chairman of the Bratislava Self-Governing Region

Ing. Iveta Hanulíková
mayor of the borough of Karlova Ves (Bratislava)

Ing. Radomír Háčik
vice-chairman of the board of directors of the UNIQA insurance company

PhDr. Peter Maráky
chief editor, Monuments Board of the Slovak Republic

Mgr. art. Juraj Kukura
director of Aréna Theatre

doc. Ing. Peter Mihók, CSc.
president, Slovak Chamber of Commerce and Industry

Ing. arch. Andrej Petrek

Ing. Róbert Šimončič, CSc.
chairman of the CU General Board from 6 May 2013) chief executive officer, Slovak Investment and Trade Development Agency

appointed upon the recommendation of the CU Academic Senate:

doc. MUDr. Daniel Böhmer, PhD.
CU Faculty of Medicine, CU staff representative

Mgr. Tomáš Charvát
student at CU Faculty of Natural Sciences, CU student representative

CU managerial staff

Ing. Monika Tarabová
CU registrar

JUDr. Marta Partlová
CU head controller

Centrally financed parts of CU

PhDr. Daniela Gondová
director of the CU Academic Library

RNDr. Jaroslav Bella
director of the Botanical Garden of CU

Mgr. Peter Miazdra
director of the Information Technology Centre

PhDr. Mária Huttová, PhD.
director of the Canadian Studies section of CU

PhDr. Ivan Rapoš
director of Psychological Consultancy at CU

Dušan Šrámek
director of the Teaching and Training Facility at Richňava

doc. PhDr. Anna Butašová, CSc.
head of the UNESCO Chair of Translation Studies

RNDr. Sergej Troščák
director of Comenius University Press

Independently financed parts of CU

PaedDr. Janka Chládecká, PhD.
director of the Centre for Continuing Education at CU

PhDr. Ivan Daňo
director of the Družba Student Hostel

Mgr. Róbert Gula, MBA
director of the Higher Education Town of L.Štúra-Mlyny
In 2013 Comenius University employed a total of 4429 employees (the average number of personnel calculated on employment contracts). There was an increase of 62.1 employees (+1.4 %) in comparison to 2012. The increase in the number of employees was dependent on financing options as well as the amount of the subsidy received from the Ministry of Education, Science, Research and Sport of the Slovak Republic. It is also the result of organisational changes and rationalising measures undertaken to reduce wage expenses and increase effectiveness in the university’s main activities.
The development of the calculated number of employees in main activities from 2000 – 2013

The proportion of researchers to teachers

- Researchers: 81.85%
- Teachers: 18.15%
An overview of the structure of CU teachers in 2013

- Professors and associate professors with a DrSc.
- Associate professors
- Teachers with a PhD or CSc.
- Other teachers

<table>
<thead>
<tr>
<th>Year</th>
<th>CU total [people]</th>
<th>Main activities [people]</th>
<th>Teachers [people]</th>
<th>Research [people]</th>
<th>Others (not including dormitory and canteen staff) [people]</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>4985</td>
<td>2496</td>
<td>2088.8</td>
<td>407.4</td>
<td>1995.7</td>
</tr>
<tr>
<td>2001</td>
<td>4924</td>
<td>2490</td>
<td>2091.9</td>
<td>398.4</td>
<td>1943.6</td>
</tr>
<tr>
<td>2002</td>
<td>4921.5</td>
<td>2557</td>
<td>2161.6</td>
<td>395.3</td>
<td>1898.3</td>
</tr>
<tr>
<td>2003</td>
<td>4768.2</td>
<td>2527</td>
<td>2167.9</td>
<td>359</td>
<td>1742</td>
</tr>
<tr>
<td>2004</td>
<td>4626</td>
<td>2503</td>
<td>2110</td>
<td>393</td>
<td>1684</td>
</tr>
<tr>
<td>2005</td>
<td>4427.5</td>
<td>2363</td>
<td>1977.5</td>
<td>385.1</td>
<td>1638.6</td>
</tr>
<tr>
<td>2006</td>
<td>4424.8</td>
<td>2317</td>
<td>1913.9</td>
<td>403.4</td>
<td>1672.1</td>
</tr>
<tr>
<td>2007</td>
<td>4409.2</td>
<td>2348</td>
<td>1896.2</td>
<td>451.7</td>
<td>1662.3</td>
</tr>
<tr>
<td>2008</td>
<td>4355.3</td>
<td>2308</td>
<td>1912.7</td>
<td>394.9</td>
<td>1664.3</td>
</tr>
<tr>
<td>2009</td>
<td>4327.3</td>
<td>2331</td>
<td>1909.8</td>
<td>421.5</td>
<td>1612.5</td>
</tr>
<tr>
<td>2010</td>
<td>4398.7</td>
<td>2384</td>
<td>1938.1</td>
<td>446.3</td>
<td>1623.5</td>
</tr>
<tr>
<td>2011</td>
<td>4397.3</td>
<td>2380</td>
<td>1944.7</td>
<td>435.2</td>
<td>1641.4</td>
</tr>
<tr>
<td>2012</td>
<td>4367</td>
<td>2364</td>
<td>1920.4</td>
<td>444</td>
<td>1642.4</td>
</tr>
<tr>
<td>2013</td>
<td>4429.1</td>
<td>2398</td>
<td>1962.7</td>
<td>435.3</td>
<td>1672.7</td>
</tr>
</tbody>
</table>

The development of the calculated number of CU employees from 2000 to 2013
An overview of the number of habilitations of associate professors, inaugurations of professors and appointments of doctors of science

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Associate professors</th>
<th>Professors</th>
<th>DrSc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMED CU</td>
<td>4</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>FLAW CU</td>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FPHIL CU</td>
<td>7</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>FNS CU</td>
<td>14</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>FEDU CU</td>
<td>3</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>FPHARM CU</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FSPORT CU</td>
<td>0</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>JFMED CU</td>
<td>4</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FMPH CU</td>
<td>9</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>FRCTH CU</td>
<td>0</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>FEVTH CU</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>FM CU</td>
<td>11</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>FSES CU</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>CU Total</strong></td>
<td><strong>60</strong></td>
<td><strong>19</strong></td>
<td><strong>2</strong></td>
</tr>
</tbody>
</table>

705 study programmes
85.3% of teachers have at least a PhD qualification
38.6% of teachers have the rank of at least associate professor
27,347 students studied at the university in 2013 at bachelor's, master's and doctoral level: 22,868 of these were studying full-time, including 2348 international students from more than 70 countries. 4479 students were studying part-time and 708 students were in other forms of study: this makes a total of 28,056 students. 3368 students studied as a part of continuing education programmes.

A total of 31,424 students studied at CU within all the educational activities offered.
Student numbers

- **bachelor’s level**
- **master’s/PhDr. level**
- **doctoral level**

Proportion of students in the 1st to 3rd levels of study

- **CU students**
- **Other students in Slovakia**

Proportion of doctoral students

- **CU doctoral students**
- **Other doctoral students in Slovakia**

Proportion of international students

- **International students at CU**
- **Other international students in Slovakia**
The proportion of students in full-time study compared to those in part-time study at CU was 83.62% to 16.38%; i.e. around one sixth of students at CU study part-time.

There were 1551 full-time doctoral students at CU in 2013, of which 54 were international students. In 2013 515 new students were accepted into studies at doctoral level, which is 46 fewer than in 2012; of this number, 348 were accepted into full-time studies. This number includes students from external educational institutions.

In 2013 a total of 2515 students studied at CU at doctoral level. The number of doctoral students studying part-time in 2013 was 964.

The development of the number of applicants, enrolled students (excluding PhD students) and graduates of CU (1990–2013)
CU has a 20.1% share of all PhD graduates in Slovakia

The number of doctoral students by faculty in 2013

- Full-time
- Part-time
Graduates

7275 people completed their studies at the faculties of Comenius University in 2013 at all levels of study. The Doctor of Medicine academic degree was awarded to 589 graduates, 3147 people graduated with a master’s degree and 3113 graduated with a bachelor’s degree. PhDs were awarded to 426 graduates. Of the above, 864 graduates completed their studies with distinction.

For excellent results during studies, 197 graduates were awarded Academic Laudations from the CU rector along with motivational scholarships totalling €33,813.

CU graduates in 2013

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Part-time</th>
<th>International</th>
<th>Total</th>
<th>Proportion in Slovakia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor</td>
<td>2497</td>
<td>584</td>
<td>32</td>
<td>3113</td>
<td></td>
</tr>
<tr>
<td>Master</td>
<td>2441</td>
<td>609</td>
<td>97</td>
<td>3147</td>
<td></td>
</tr>
<tr>
<td>Doctor of Medicine</td>
<td>455</td>
<td>0</td>
<td>134</td>
<td>589</td>
<td></td>
</tr>
<tr>
<td>Bachelor + Master + Doctor of Medicine</td>
<td>5393</td>
<td>1193</td>
<td>263</td>
<td>6849</td>
<td>10.51 %</td>
</tr>
<tr>
<td>PhD</td>
<td>233</td>
<td>156</td>
<td>37</td>
<td>426</td>
<td>20.10 %</td>
</tr>
<tr>
<td><strong>CU total</strong></td>
<td>5626</td>
<td>1349</td>
<td>300</td>
<td>7275</td>
<td>10.81 %</td>
</tr>
<tr>
<td><strong>CU total (%)</strong></td>
<td><strong>13.40</strong></td>
<td><strong>5.51</strong></td>
<td><strong>36.59</strong></td>
<td><strong>10.81</strong></td>
<td></td>
</tr>
<tr>
<td>Higher education institutions [1] in Slovakia total</td>
<td>41975</td>
<td>24497</td>
<td>820</td>
<td>67292</td>
<td>100.00 %</td>
</tr>
</tbody>
</table>

It is apparent that CU is continuing to build its prominent position in the Slovak educational sphere, particularly concerning the third (and highest) level of education.
Graduates at the 1st and 2nd levels of tertiary study

- CU graduates
- Other graduates in Slovakia

PhD graduates in 2013

- PhD graduates from CU
- Other PhD graduates in Slovakia

In 2013:
- 5626 CU graduates of full-time study
- 7275 CU graduates in total

From 1919 to 2013:
approx. 207,000 CU graduates
Comenius University is one of the most significant science and research institutions in Slovakia not only in terms of the number of its productive staff but also in terms of its ability to gain financial support for scientific exploration and in its achieved results.

**Projects**

In 2013 the **CU Office of National and European Projects** administered and secured the implementation of a number of university-wide projects which are co-funded by EU structural funds.
In the Research and Development Operational Programme:

- A support centre for technology transfer at Comenius University in Bratislava
- The establishment of a Centre for Research and Development in Molecular Medicine
- The Comenius University Science Park

In the Education Operational Programme:

- An internal quality assurance system at Comenius University in Bratislava

The CU Technology Transfer Centre

The CU Technology Transfer Centre was established in January 2011 in accordance with the aims of the Support Centre for Technology Transfer at Comenius University project, which was co-funded by structural funds from the EU and successfully completed in November 2013. The centre allows for collaboration between different scientific and research bodies at CU faculties and other bodies in the transfer of research results from work done at CU to the business sector from the moment of invention to the final stage of commercial application. In 2013 the centre registered and successfully secured intellectual property rights protection for ten inventions.

The Comenius University Science Park

The aim of the Comenius University Science Park project is the establishment of an elite science and research centre in the fields of molecular medicine, environmental medicine and biotechnology which is focused on the practical application of research results. A long-term aim of the project is for the park to become a comprehensive research incubator and spin-off platform.
## International grants in 2013

<table>
<thead>
<tr>
<th>Faculty</th>
<th>International research grants</th>
<th>Other international grants</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>number</td>
<td>sum in €</td>
<td>number</td>
</tr>
<tr>
<td>FMED CU</td>
<td>4</td>
<td>10,777.25</td>
<td>0</td>
</tr>
<tr>
<td>FLAW CU</td>
<td>0</td>
<td>0.00</td>
<td>6</td>
</tr>
<tr>
<td>FPHIL CU</td>
<td>1</td>
<td>41,678.00</td>
<td>12</td>
</tr>
<tr>
<td>FNS CU</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>FEDU CU</td>
<td>2</td>
<td>5000.00</td>
<td>7</td>
</tr>
<tr>
<td>FPHARM CU</td>
<td>0</td>
<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>FSPORT CU</td>
<td>0</td>
<td>0.00</td>
<td>2</td>
</tr>
<tr>
<td>JFMED CU</td>
<td>3</td>
<td>0.00</td>
<td>5</td>
</tr>
<tr>
<td>FMPH CU</td>
<td>9</td>
<td>551,927.00</td>
<td>3</td>
</tr>
<tr>
<td>FRCTH CU</td>
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<td>0.00</td>
<td>0</td>
</tr>
<tr>
<td>FEVTH CU</td>
<td>0</td>
<td>0.00</td>
<td>1</td>
</tr>
<tr>
<td>FM CU</td>
<td>3</td>
<td>45,154.52</td>
<td>0</td>
</tr>
<tr>
<td>FSES CU</td>
<td>1</td>
<td>29,970.00</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>23</strong></td>
<td><strong>684,506.77</strong></td>
<td><strong>37</strong></td>
</tr>
</tbody>
</table>
Projects within the 7th Framework Programme in 2013

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Number</th>
<th>sum in €</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMED CU</td>
<td>1</td>
<td>602.25</td>
</tr>
<tr>
<td>FLAW CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FPHIL CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FNS CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FEDU CU</td>
<td>1</td>
<td>5000.00</td>
</tr>
<tr>
<td>FPHARM CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FSPORT CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>JFMED CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FMMPH CU</td>
<td>7</td>
<td>417,433.00</td>
</tr>
<tr>
<td>FRCTH CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FEVTH CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FM CU</td>
<td>3</td>
<td>45,154.52</td>
</tr>
<tr>
<td>FSES CU</td>
<td>1</td>
<td>29,970.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>13</strong></td>
<td><strong>498,159.77</strong></td>
</tr>
</tbody>
</table>

Projects from structural funds in 2013

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Number</th>
<th>sum in €</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMED CU</td>
<td>3</td>
<td>460,156.42</td>
</tr>
<tr>
<td>FLAW CU</td>
<td>1</td>
<td>148,620.00</td>
</tr>
<tr>
<td>FPHIL CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FNS CU</td>
<td>12</td>
<td>1,721,290.47</td>
</tr>
<tr>
<td>FEDU CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FPHARM CU</td>
<td>2</td>
<td>722,576.33</td>
</tr>
<tr>
<td>FSPORT CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>JFMED CU</td>
<td>20</td>
<td>6,426,752.86</td>
</tr>
<tr>
<td>FMMPH CU</td>
<td>11</td>
<td>6,631,696.33</td>
</tr>
<tr>
<td>FRCTH CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FEVTH CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FM CU</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>FSES CU</td>
<td>1</td>
<td>66,824.00</td>
</tr>
<tr>
<td>R CU</td>
<td>6</td>
<td>467,397.23</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>56</strong></td>
<td><strong>16,645,313.64</strong></td>
</tr>
</tbody>
</table>

International grants
10 faculties
60 grants
€898,000 in total

EU structural funds
7 faculties + rectorate
56 projects
Revenue approx. €16 million in total
CU Grants

Since 1997 the CU rector has annually awarded CU Grants for young researchers and doctoral students at CU (the age limit is 30 years of age) in an attempt to support the scientific and research activities of young researchers and prepare them for the application process for resources from grant agencies. The maximum amount of each grant in 2013 was €1000.
CU’s position in university rankings

<table>
<thead>
<tr>
<th>Evaluated</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>2000</td>
</tr>
<tr>
<td>4000</td>
<td>4000</td>
</tr>
<tr>
<td>8000</td>
<td>8000</td>
</tr>
<tr>
<td>12,000</td>
<td>12,000</td>
</tr>
<tr>
<td>16,000</td>
<td>16,000</td>
</tr>
<tr>
<td>20,000</td>
<td>20,000</td>
</tr>
</tbody>
</table>

CU and University Ranking by Academic Performance (URAP)

- 495th place in 2013 with 24.8% evaluated

CU and Scimago Institutions Rankings World Report

- 789th place in 2013 with 28.8% evaluated

CU and the Webometrics ranking system

- 534th place in 2014 with 2.8% evaluated

Comenius University is one of a small number of universities in Slovakia which has figured for a long time in various European and world rankings evaluating the quality of higher education institutions and emphasising scientific and research activity. University rankings have different aims and assess various areas of activity from various sources. Comenius University has repeatedly outperformed all others in the category assessing unemployed PhD graduates (full-time study) up to three months after their completion of studies; as of 1 October 2012 CU did not have any unemployed graduates in this category (Shanghai Ranking – GRUP Survey 2012).
5349 research institutions
(31 December 2013)

Publication rankings:
*648th position, 12th percentile

Citation rankings:
** 852nd position, 15.9th percentile

---

**CU’s Position according to ESI Parameters and Elite CU Teams**

**Essential Scientific Indicators (ESI) to 31 December 2013**

<table>
<thead>
<tr>
<th>Area</th>
<th>Publications</th>
<th>Citations</th>
<th>Citations /publication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics</td>
<td>1217</td>
<td>16,041</td>
<td>13.18</td>
</tr>
<tr>
<td>Chemistry</td>
<td>1132</td>
<td>10,162</td>
<td>8.98</td>
</tr>
<tr>
<td>Clinical Medicine</td>
<td>845</td>
<td>6172</td>
<td>7.30</td>
</tr>
<tr>
<td>Biology &amp; Biochemistry</td>
<td>807</td>
<td>5078</td>
<td>6.29</td>
</tr>
<tr>
<td>Plant &amp; Animal Science</td>
<td>298</td>
<td>2179</td>
<td>7.31</td>
</tr>
<tr>
<td>Engineering</td>
<td>208</td>
<td>1206</td>
<td>5.80</td>
</tr>
<tr>
<td><strong>All areas</strong></td>
<td><strong>6462</strong></td>
<td><strong>52,991</strong></td>
<td><strong>8.2</strong></td>
</tr>
</tbody>
</table>

14 elite research teams at CU in the areas of the natural and medical sciences

<table>
<thead>
<tr>
<th>ESI category</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology &amp; Biochemistry</td>
<td>FPHARM CU, FNS CU</td>
</tr>
<tr>
<td>Chemistry</td>
<td>FPHARM CU, FMPH CU, FNS CU</td>
</tr>
<tr>
<td>Clinical Medicine</td>
<td>JFMED CU</td>
</tr>
<tr>
<td>Computer Science</td>
<td>FMPH CU</td>
</tr>
<tr>
<td>Environment &amp; Ecology</td>
<td>FNS CU, FMPH CU</td>
</tr>
<tr>
<td>Geosciences</td>
<td>FMPH CU</td>
</tr>
<tr>
<td>Material Science</td>
<td>FPHARM CU, FMPH CU</td>
</tr>
<tr>
<td>Molecular Biology &amp; Genetics</td>
<td>FMPH CU</td>
</tr>
<tr>
<td>Neurosciences</td>
<td>JFMED CU</td>
</tr>
<tr>
<td>Pharmacology &amp; Toxicology</td>
<td>FPHARM CU</td>
</tr>
<tr>
<td>Physics</td>
<td>FPHARM CU, FMPH CU, FNS CU</td>
</tr>
<tr>
<td>Plant &amp; Animal Science</td>
<td>FNS CU</td>
</tr>
<tr>
<td>Space Science</td>
<td>FMPH CU</td>
</tr>
</tbody>
</table>
With a total of 6462 scientific publications, Comenius University was ranked in 648th place out of 5349 evaluated institutions. This means that CU was in the top 12% of research institutions in the world (2004–2013). With a total of 52,991 citations, CU was ranked in 852nd place, making it one of the top 15.9% of research institutions in the world (2004–2013).

There was an increase in the number of publications over the last two years by 18%, an increase in citations by 80% and an increase in the number of citations per publication by 53%. Over six years (2007–2013) the publication activity of CU increased by 72% (measured by the number of publications) in five-year cumulative periods. The total number of citations increased by 214%, and the number of citations per publication increased by 83%.
Elite teams at CU – number of citations per publication from 2002 to 2011*

*Note: it was not always possible in the evaluation of research in the humanities and social sciences to use the same methodology as in the evaluation of research in the natural sciences (broadly defined). The use of local databases and the extension of the time range to 10 years should take into account the fact that large international and interdisciplinary databases do not have a strong coverage of the humanities and related fields.
Elite teams at CU – the team $h$-index from 2002 to 2011*

- Tokár
- Sitár
- Plecenik
- Urban & Neogrády
- Balgavý & Devínksy
- Tatár
- Toma
- Povinec
- Hianík
- Lux
- Matejčík
- Noga
- Moczo
- Kováč V

*Note: the $h$-index in the natural sciences is not directly comparable to the $h$-index for the social sciences and humanities: one uses only information from an international database containing selected journal articles, whereas the other uses information from an internal database featuring all relevant work (including books).
Elite teams at CU – the number of team publications considered to be in the top 0.1 % in their field in the world (2002–2011)

Elite teams at CU – the number of publications considered to be in the top 1 % in their field in the world (2002–2011)
Publication activity for 2013 and historically

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Entries for 2013</th>
<th>Total number of entries</th>
<th>Total number of citations</th>
<th>Total number of cited works</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMED CU</td>
<td>1531</td>
<td>50,698</td>
<td>50,781</td>
<td>8772</td>
</tr>
<tr>
<td>FLAW CU</td>
<td>292</td>
<td>9167</td>
<td>5133</td>
<td>1584</td>
</tr>
<tr>
<td>FPHIL CU</td>
<td>767</td>
<td>39,451</td>
<td>33,814</td>
<td>8843</td>
</tr>
<tr>
<td>FNS CU</td>
<td>1328</td>
<td>39,185</td>
<td>74,992</td>
<td>11,534</td>
</tr>
<tr>
<td>FEDU CU</td>
<td>623</td>
<td>17,365</td>
<td>11,542</td>
<td>3098</td>
</tr>
<tr>
<td>FPHARM CU</td>
<td>342</td>
<td>13,556</td>
<td>13,129</td>
<td>2600</td>
</tr>
<tr>
<td>FSPORT CU</td>
<td>269</td>
<td>11,316</td>
<td>11,838</td>
<td>2783</td>
</tr>
<tr>
<td>JFMED CU</td>
<td>801</td>
<td>19,499</td>
<td>24,893</td>
<td>3740</td>
</tr>
<tr>
<td>FMPH CU</td>
<td>543</td>
<td>21,242</td>
<td>39,972</td>
<td>4975</td>
</tr>
<tr>
<td>FRCTH CU</td>
<td>95</td>
<td>4960</td>
<td>2502</td>
<td>889</td>
</tr>
<tr>
<td>FEVTH CU</td>
<td>84</td>
<td>2484</td>
<td>545</td>
<td>247</td>
</tr>
<tr>
<td>FM CU</td>
<td>169</td>
<td>4102</td>
<td>4161</td>
<td>1003</td>
</tr>
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<td>FSES CU</td>
<td>119</td>
<td>2608</td>
<td>2400</td>
<td>670</td>
</tr>
<tr>
<td><strong>CU total</strong></td>
<td><strong>6856</strong></td>
<td><strong>246,560</strong></td>
<td><strong>282,618</strong></td>
<td><strong>53,160</strong></td>
</tr>
</tbody>
</table>

Note: The data for CU is not a sum of values for individual faculties because a number of entries are applicable to more than one faculty. This is because in some publications there were authors from a number of CU faculties who worked together.
In terms of its financial management, Comenius University has been guided by general binding legal regulations, in particular section 19 of Act No. 131/2002 Coll. on higher education institutions and the amendment of some laws as well as measures of the Ministry of Finance of the Slovak Republic, the methodical regulations of the Ministry of Education, Science, Research and Sport of the Slovak Republic, internal institutional legal norms, decisions of the bodies of the academic authorities of CU and the decisions of the CU leadership and faculties.

The itemisation of the financial resources of the state subsidy was approved by the decision-making bodies of CU for the financial securing of the university’s main activities and was the basis of the university’s financial operation.

The university budget in the accounting period was generally modified to account for specific subsidies for projects dealing with research, developmental and artistic activity as well as projects for expansion, social support for students and finances which were allocated to the university as a result of accounting for endowments to the end of 2013.
The source of funding for expenses resulting from the university’s main activities was primarily made up of the subsidies from the state budget as well as revenue received from continuing education programmes, tuition fees and other fees connected to studies, revenue from donations from legal and physical entities in Slovakia and abroad, and other revenues (EU funds, funds gained from the sale of property, etc.).

Total revenues – public higher education institution

Revenues from main (non-taxed) activity

- Business activity: 4.7%
- Main activity: 95.3%

Revenues in total amounted to: €151,700,541.80

Revenues from main (non-taxed) activity:
- own revenues: €40,689,823.61
- State subsidy – used resources: €144,521,846.92

Revenues from business (taxed) activity:
- €7,178,694.88
Income (revenues) from subsidies from the State Budget totalled €95,567,177.65

<table>
<thead>
<tr>
<th>Including income from</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ministry of Health of the Slovak Republic</td>
<td>€529,457.43</td>
</tr>
<tr>
<td>The Ministry of Culture of the Slovak Republic</td>
<td>€44,324.00</td>
</tr>
<tr>
<td>The Slovak Research and Development Agency in cooperation with</td>
<td>€594,344.00</td>
</tr>
<tr>
<td>the Slovak Academy of Sciences</td>
<td></td>
</tr>
</tbody>
</table>

Income from abroad having the character of an endowment €2,381,122.00

In comparison to 2012, the combined incomes from subsidies and from abroad increased by 783,397 euros.

Expenses in total for 2013 amounted to 148,303,439.51 euros, which is 7,383,836.19 euros more than in 2012. Main activity expenses amounted to 141,343,080.16 euros, and business activity expenses amounted to 6,960,359.35 euros.

Some of the largest expenses were wages and contribution payments, energy expenses, and depreciation and material expenses, as is set out below:

<table>
<thead>
<tr>
<th>Expense</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>wage expenses</td>
<td>€56,820,065.57</td>
</tr>
<tr>
<td>legal social insurance</td>
<td>€19,188,468.91</td>
</tr>
<tr>
<td>depreciation of funds and properties</td>
<td>€10,716,037.62</td>
</tr>
<tr>
<td>energy</td>
<td>€6,489,242.45</td>
</tr>
<tr>
<td>use of material</td>
<td>€9,186,929.66</td>
</tr>
</tbody>
</table>

Total revenues – public higher education institution:
- the proportion of own revenues totalled 36.3 %
- the proportion of revenues from business activity was 4.7 %
Costs were incurred primarily in the following areas:

**educational services** – the provision of education in 705 accredited study programmes for 27,347 students at the bachelor’s, master’s, PhDr. and doctoral level in full-time study, part-time study and in continuing education

**the performance of research, developmental and artistic activity** – the specifications of projects are in the section on Science and Research

**developmental activities at CU**

**scholarships for full-time doctoral students** to the amount of €7,295,279.01

**social services** – social scholarships for 1863 students totalling €2,800,070 and the provision of meals and accommodation for students.

2013 was a difficult financial year at the university due to the fulfilling of a number of extraordinary tasks which were primarily connected to the process of implementing projects as well as the fulfilment of tasks connected to the university’s main activities. The university’s financial management was balanced and stabilised. Comenius University once again achieved a positive financial result.

The proportion of EU funds used in the financing of the activities of the faculties was increased, which set the requirements for document processing and the quality of presented sets of outputs from IS SOFIA.
The trend of CU expenses in the area of Goods and Services
The amount spent on wages financed from the Ministry of Education, Science, Research and Sport of the Slovak Republic upon the basis of the subsidy agreement has been gradually decreasing. In 2013 it was only 74% of all expenses on wages.

Since 2003 the increase in the provision of the subsidy for **goods and services** has been preserved but has been mirrored in the expenses on goods and services. Budgetary spending for 2013 was greater than for 2012, but expenses were also made from unused funds from 2012 totalling 17,970,000 euros.

Budgetary expenditure on **goods and services** in 2013 was 1,531,620 euros higher than in 2012. The continuing lack of financial resources in this category, given the continually rising prices for energy and services, has had an undesirable effect on the running of public higher education institutions.

A comparison of expenses in the categories of **wages** and **goods and services** suggests there is a long-term trend in the distribution of current expenditure (expenses from the state subsidy) in favour of the wages category, which continued in 2013. The total expenditure on **wages** in 2013 was 1,165,600 euros higher than in 2012.

Given that the state subsidy is used just for the basic operations of the university, a direct result of the inadequate amount of financial resources for educational purposes is the greater risk of a decline in the level of provided education and an increased pressure on the university’s own resources.
Developments in capital revenue have been marked by a notable reduction in this area over a long period of time. This trend continued in 2013, even though there was a moderate increase in the capital subsidy to the amount of 328,300 euros compared to 2012. There is still a notable deficit in the financing of investments, and the innovation debt of the university has barely changed. **Capital resources** allocated to innovating the equipment needs of science and research are low for the needs of a public higher education institution.

This situation means that the importance of the university’s own (unsubsidised) resources has increased, as has the importance of the ability of faculties and the university to secure assistance from European structural funds.

The development of CU expenses on operations and education
A comparison of developments in the number of students and teachers and the amount of educational expenses at CU from 1990-2013

Economic performance

<table>
<thead>
<tr>
<th>Item</th>
<th>Sum in €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales of services</td>
<td>13,455,775.07</td>
</tr>
<tr>
<td>Sales of goods</td>
<td>3,190,870.34</td>
</tr>
<tr>
<td>Other revenues</td>
<td>28,882,944.71</td>
</tr>
<tr>
<td>Revenues from the use of funds</td>
<td>495,793.79</td>
</tr>
<tr>
<td>Revenues from the rental of property</td>
<td>1,473,827.51</td>
</tr>
<tr>
<td>Accepted contributions from other organisations</td>
<td>168,900.19</td>
</tr>
<tr>
<td>Internal organisational transfers</td>
<td>0.00</td>
</tr>
<tr>
<td>Operational subsidies</td>
<td>103,832,023.31</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>151,700,541.80</strong></td>
</tr>
</tbody>
</table>
In 2013 Comenius University offered quality services in all areas of its activity despite the fact that worsening external conditions had an undesirable impact on a number of areas of activity. In order to effectively function in this period of legislative instability and chronic underfunding, only the most urgent repairs to the university infrastructure have been undertaken; this, however, is not a sustainable policy due to the state and age of the university buildings. Furthermore, this situation has made it impossible to plan any important development projects. (Comenius University Science Park is funded to a decisive degree by structural funds from the EU.) It is only thanks to the resolution and enthusiasm of its employees that Comenius University has remained an intellectual and cultural centre of nationwide importance. It is expected that in upcoming years this attitude will be systemically and effectively supported by the relevant state authorities.

PRIORITIES

One priority is to preserve and strengthen the status of Comenius University as the oldest and most prestigious higher education institution in Slovakia and a classical university of national and international importance with a selective character.

Another priority is to preserve and develop the university’s status as one of the most significant research institutions in Slovakia with an appropriate status in the international research community.

Conclusion