



MASARYK UNIVERSITY



ANNUAL ACTIVITY REPORT

2009





MASARYK UNIVERSITY

ANNUAL ACTIVITY REPORT

2009

**MU**90  
1919–2009





## About the University

Foreword .....	5
<b>1 The University in 2009 .....</b>	<b>7</b>
The University in Numbers in 2009 .....	9
Key Events in 2009 .....	10
<b>2 Studies .....</b>	<b>21</b>
Educational Activities Quality .....	22
The Quality of Academic Life .....	26
Progress in University Education as a Public Service .....	30
<b>3 Research .....</b>	<b>33</b>
A Research University .....	34
Doctoral Studies .....	37
Academic Staff Qualification Advancement .....	39
<b>4 The University and Links to Society .....</b>	<b>41</b>
Public Relations and Marketing .....	42
Institutional Partnerships .....	45
Knowledge and Research Results Transfer .....	46
<b>5 Development Activities and Support Processes .....</b>	<b>47</b>
Infrastructure Management .....	48
Investment in Human Resources and Employee Support .....	49
Accounting and Financial Management .....	51
Financial Control Data .....	52
MU Development Projects .....	53
<b>6 Information Infrastructure .....</b>	<b>55</b>
MU Libraries .....	56
MU Archives .....	56
Information and Communication Technology .....	57
MU Information System .....	57
Provision of Information .....	58
<b>7 MU Faculties in 2009 .....</b>	<b>59</b>

## Basic Facts and Figures

MU Organizational Structure .....	70
Names and Addresses .....	71
<b>1 University Structure and Official Bodies .....</b>	<b>72</b>
<b>2 Studies .....</b>	<b>76</b>
<b>3 Research .....</b>	<b>85</b>
<b>4 The University and Links to Society .....</b>	<b>91</b>
<b>5 Development Activities and Support Processes .....</b>	<b>91</b>
<b>6 Information Infrastructure .....</b>	<b>97</b>



# Foreword

In 2009, the 90th anniversary of Masaryk University's founding and associated commemorative events have provided us with plenty of opportunities to reflect on the university's past, the present state of affairs and its future prospects; we had occasion to realize that Masaryk University is most likely experiencing some of the best times in its history. Not only has the university continued to develop in terms of building extensive infrastructure, accommodating growing numbers of prospective students – i.e. offering a wide range of degree programmes and fields of study, expanding scientific projects and teams and – last but not least – creating a positive employment environment, its long-term success has also been dependent on advantageous external conditions: growing demand for university education and relative economic prosperity have prompted governments to increase public financing in higher education as well as providing universities with greater autonomy in establishing and working towards their goals. However, it is plain to see that these external conditions have undergone a profound change in recent years and are no longer as favourable as they used to be. This factor was necessarily taken into consideration in composing as well as implementing a new university strategy.

Masaryk University is well aware of both its role in society and of the fact that the public is closely monitoring the performance and quality of all higher education institutions. The university thus rises to every occasion, utilizing e.g. financial means from EU funds in order to create a portfolio of strategic projects presenting Masaryk University as a prestigious Central European educational and research institution. Strategic initiatives thus apply to educational activities – the university received more financial support from the European Union than any other Czech university – as well as to research and development: Masaryk University is the principal partner responsible for preparing the Central European Institute of Technology (CEITEC) and remains involved in a number of other significant projects. Building on existing infrastructure, we thus intend to point Czech higher education and research in the right direction, establishing a university with educational and research results significant in a European and worldwide context, a university encouraging prosperity and improving its surroundings.

Throughout 2009, the university stood at the helm of Czech higher education in terms of implementing educational activities based on teaching output. A system evaluating degree programme quality based on this approach was introduced at all Masaryk University faculties. Our university is the first institution of higher education in the Czech Republic carrying out such extensive

preparations necessary for the launching of a national tertiary education qualifications framework, scheduled to begin in 2012. Placing greater emphasis on output-focused degree programmes is an important part of our endeavour to present students with a study environment which is both simple and friendly, but which above all offers high-quality education. These activities are evidence of the fact that while profiling itself as a research institution, Masaryk University is not becoming less dedicated to its educational mission.

With the help of strategic projects, research activities in a number of areas at Masaryk University

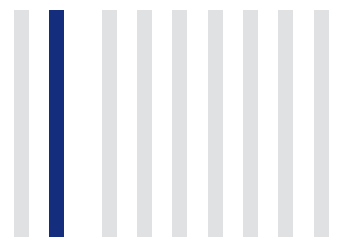


are becoming increasingly focused on improving the quality of life. Although the university has successfully implemented an array of research projects in 2009, these accomplishments imply that the university must open up to an international environment – in terms of both student mobility and academic staff internationalization. In order to build on successes thus far achieved, Masaryk University must attract the best academic workers (as well as students of Master's and doctoral degree programmes) from Czech and international universities.

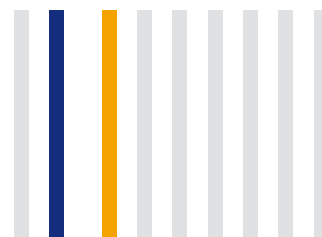
Many of the choices we have made in 2009 will continue to significantly influence the shape of the university throughout the next decade. We shall continue to hope that Masaryk University will squander neither its real nor its potential capital, but that, on the contrary, the results of its two principal functions – education and research – as well as its overall performance and efficiency will continue to prove that it is indeed able to fulfil the mission and ethos conceived by its founders in 1919.

Petr Fiala,  
Rector

# About the University



# The University in 2009





# The University in Numbers in 2009

faculties

9

degree  
programmes

233

fields  
of study

1,343

lifelong learning  
programmes

481

applications for  
admission

68,868

students

43,337

doctoral  
students

3,401

participants in  
lifelong learning  
programmes

20,078

partner  
secondary  
schools

69

disabled  
students

7.2 ‰

international  
students

12 %

employees

4,573

alumni since  
university's  
founding

134,000

average  
employee salary  
(CZK)

37,455

years since  
university's  
founding

90

patent  
applications  
submitted

6

total non-  
investment  
income  
(million CZK)

4,298

non-investment  
research and  
development  
funding  
(million CZK)

878





## Key Events in 2009

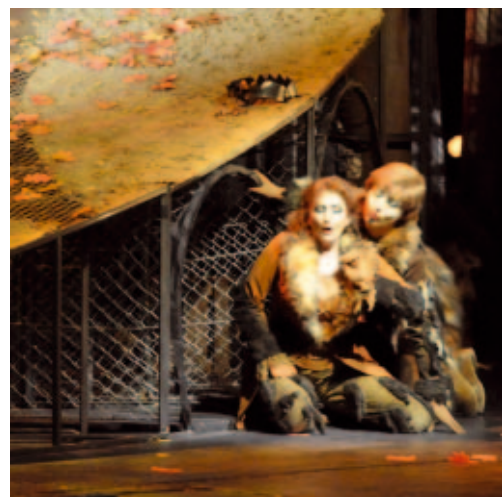


## Ninety Years of Masaryk University

### University Foundation Day

An assembly of the university public marked the beginning of celebrations commemorating the 90th anniversary of Masaryk University, founded on 28 January 1919 as the second Czech university. New fanfares, written by composer Miloš Štědroň with the university celebrations in mind, were first sounded on foundation day. The ceremonial assembly also enabled Rector Petr Fiala to confer gold medals on significant alumni.

Foundation day drew to a close with an opera performance of *The Cunning Little Vixen* in Janáček Theatre.





# PŘÍBĚHY

## Z DĚJIN MASARYKOVY UNIVERZITY



květen–říjen 2009

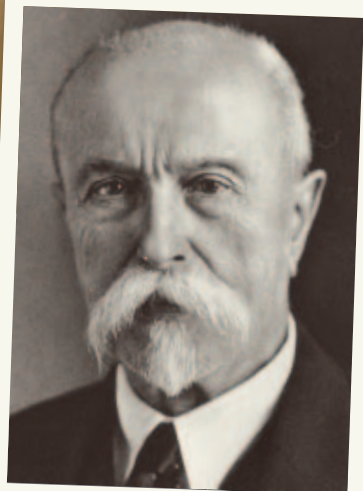
**MUGO** výstava o Masarykově univerzitě  
1919–2009

### Past and Present in Three Exhibitions

An exhibition at the Faculty of Medicine documented the thorny path leading to the establishment of a second Czech university at the turn of the century. Highlights included e.g. unique footage of the laying of the foundation stone of the Faculty of Law building on Veverří Street in the presence of President T. G. Masaryk in 1928.

An exhibition in the National Museum in Prague presented an attempt to sum up both the 90-year-long history of the second Czech university as well as its present state.

The Mendel Museum featured an exhibition consisting of photographs documenting student life from the early days of Masaryk University to the present day.







## Alumni Day



Over 2,000 alumni took part in the first ever meeting of all former students who had graduated from Masaryk University since its founding. Student years were remembered in faculty buildings in the downtown area as well as at new campus facilities in Brno Bohunice. A special programme designed specifically for alumni was prepared at the Brno trade fair grounds – the event was hosted by Ondřej Havelka and his Melody Makers.

### ► A Story of Education and Science in Central Europe

On the occasion of its 90th anniversary, the university was presented with a unique present: a new historical publication entitled *Masaryk University: A Story of Education and Science in Central Europe*. The text – co-authored by Lukáš Fasora and Jiří Hanuš of the Department of History of the Faculty of Arts – is supplemented by two hundred photographs documenting the past and present life of Masaryk University.







#### ◀ 90 Years in Motion

A gala evening, organized by students of the Faculty of Sports Studies with the help of instructors from the Department of Gymnastics and Combatives, took place in a new sports hall at the university campus. Over 200 students participated in preparing the event, attending to everything from direction to choreography and sound systems.



## At the Helm of Czech University Education



### ◁ Masaryk University Rector Heads Czech Rectors Conference

Masaryk University Rector Petr Fiala has been elected chairman of the Czech Rectors Conference and will now spend two years heading an institution which represents Czech public and state-run as well as private institutions of higher education in negotiations with both governmental and non-governmental bodies.



### ◁ Olga Havel Award

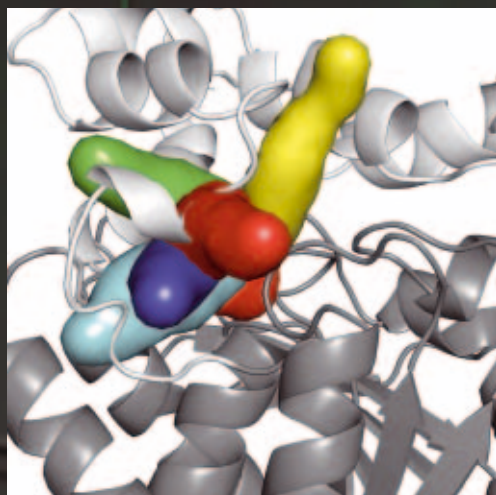
The university was presented with an award for the most accommodating approach to disabled students in a contest announced by the Committee of Good Will – The Olga Havel Foundation. The award directly concerns the work of the Support Centre for Students with Special Needs (Teiresiás), which has been providing students and other handicapped persons with practical assistance since its establishment in 2000.



### ◁ Number One in Securing EU Funding

During its first year, Masaryk University has succeeded in securing more funding from the Education for Competitiveness Operational Programme than any other university in the Czech Republic: a total of 44 projects were accepted, adding up to 516 million CZK.





#### ◀ New Enzyme Optimization Technique

An international team led by scientists from Masaryk University developed a novel technique for optimizing selected enzyme properties. The method has a wide range of uses in the chemical, medical and food processing industries.



#### ◀ Award Winning Plagiarism Detection Software

A research team based at the Faculty of Informatics has succeeded in detecting the largest number of plagiarism cases in a specialized software contest. Along with a number of other criteria, this extraordinary feat has helped the team reach second place in external plagiarism detection as well as second place overall in the 1st International Competition on Plagiarism Detection.

## Successes in Research and Technology Transfer

#### □ Novel Biomass Regulation Method Patented

A new method regulating plant biomass production, discovered by a team of scientists at the Faculty of Science, has been granted a Czech patent. The discovery facilitates the cultivation of plants with higher biomass production; in recent years, biomass has become a very sought-after replacement for fossil fuels. The modified plants may also eventually play a significant role in the food processing or pharmaceutical industries.







#### ◁ Renovation of the National Cultural Monument in Telč

The university has embarked on implementing an extensive project focusing on refurbishing the former Jesuit complex currently housing the University Centre Telč. The project is being carried out with the support of the European Economic Area (EEA) and Norway Grants and currently represents their most significant investment in the Czech Republic.



#### ◁▣ New Faculty of Sports Studies Building on Campus

A new building, featuring a hall for ball games and three additional gyms, has been opened at the University Campus at Bohunice; the building is largely intended for use by students of the Faculty of Sports Studies. Campus infrastructure is likewise expanding: a new academic restaurant has been opened in the Campus Square shopping centre.

## The Role of the University in Municipal, Regional and International Development





#### ◁ New Instruments for the Masaryk University Antarctic Station

Czech researchers have transported new instruments and equipment to the Masaryk University-run Gregor Johann Mendel Antarctic Station on James Ross Island.

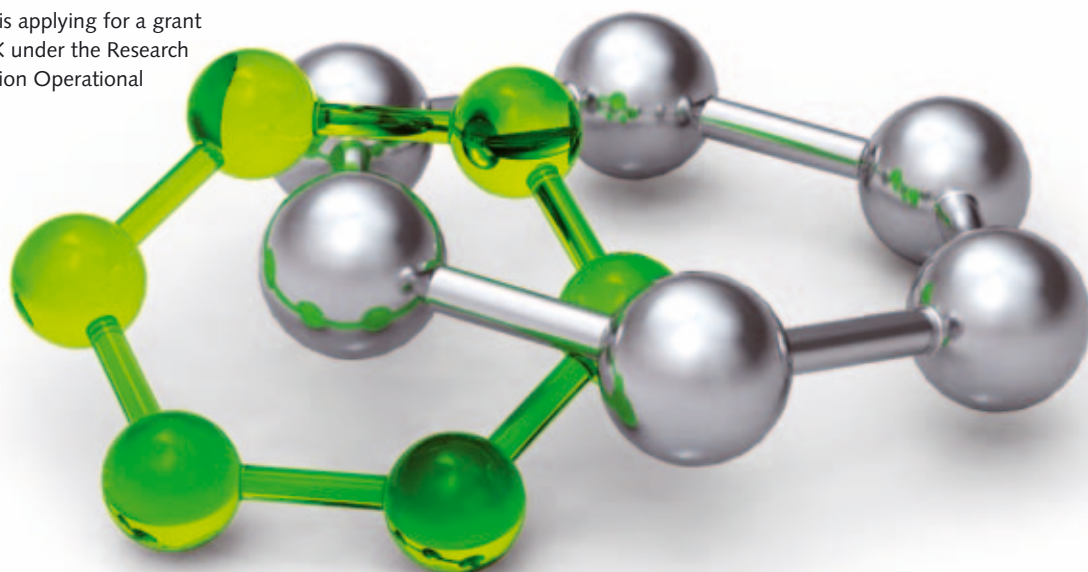


#### ◁ Social and Educational Centre in Angola

The university is currently erecting a social and educational centre with the prospect of offering leisure time activities to Angolese children, thus fostering their interest in education. The new leisure and educational centre (focusing on learning through play) is being built for the benefit of the children of Kuitu, the capital city of Bié province.

#### □ CEITEC Project

A team of experts has finalized and presented the Ministry of Education with a project application for the construction of the Central European Institute of Technology (CEITEC) in Brno. In partnership with universities based in Brno as well as numerous institutes of the Academy of Sciences of the Czech Republic, Masaryk University is applying for a grant amounting to 6.53 billion CZK under the Research and Development for Innovation Operational Programme.







## The University and Society

### □ 20th Anniversary of the Velvet Revolution

A parade organized by the Brno branch of the Inventory of Democracy student initiative marked the 20th anniversary of the Velvet Revolution; members of the student organization presented a declaration regarding the state of Czech democracy to hundreds of people who gathered at the Faculty of Arts prior to the march.







#### △ Václav Havel at the Final Session of A New Dawn in the Czech Lands

Václav Havel, former president of the Czech Republic, personally attended the final session of A New Dawn in the Czech Lands; the discussion series, co-organized by Masaryk University students, focused on the state of contemporary Czech society and featured significant scientific, cultural and political figures as well as members of the general public.

#### ◁ Gold Medals

Professor Jiří Vaněk, a respected stomatologist, was awarded a gold medal at the traditional Dies Academicus event; a second gold medal was conferred upon the significant Czech surgeon Professor Jan Wechsler.





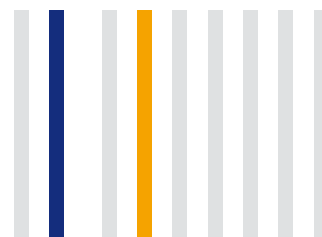
#### ◁△ Honorary Doctorates

Masaryk University has awarded an honorary doctorate to Jean-Paul Costa, chairman of the European Human Rights Court in Strasbourg, and Javier Esparza, a renowned informatics expert and professor at the Technical University Munich.



#### ◁ First MU vs. BUT Ice Hockey Match

A crowd of nearly 6,000 cheered on their student teams in the first ever ice hockey match between Masaryk University and the Brno University of Technology; the game was organized by the students themselves to mark the anniversary of both universities' founding. The fact that the event was going to be more about having fun than scoring points became apparent the very minute players entered the stadium dressed in a variety of costumes.



# Studies







## 2.1. EDUCATIONAL ACTIVITIES QUALITY

### Enhancing the University's Educational Profile

For many educational institutions throughout the Czech Republic, the year 2009 comprised a breaking point in terms of a certain transparency of studies and study requirements. Along with other Czech universities, Masaryk University was subject to a minute inspection by a superior controlling authority, a test the university passed with flying colours. Thus, in a year devoted to celebrating its 90th anniversary, Masaryk University proved that it has every right to be considered a significant Central European educational institution with studies fully in compliance with the legal norms set out by Czech law, university rules and regulations, the three-cycle structure based on the Bologna Process and the credit system (ECTS).

In accordance with the MU Strategic Plan for 2009 and Masaryk University's attempts at reaching the **ECTS Label**, progress in refining graduate profiling in individual degree programmes and fields of study is being made every year. A transparent presentation of anticipated study results



and graduate profiles formulated in response to such expectations comprise another essential step towards a greater internationalization of studies as well as towards fulfilling the obligations resulting from international declarations. Masaryk University's simple and convenient applicant orientation as well as the entire application process constitutes a considerable asset.

Since 2009, the university also boasts the newly acquired **Diploma Supplement Label**. The European Commission thereby stands witness to the fact that Masaryk University now provides all of its graduates with a bilingual diploma supplement, fully compatible with the European model.

Throughout 2009 Masaryk University continued to expand the range of studies on offer, most importantly developing new interfaculty degree

programmes with regard to the changing demand on the part of employers as well as applicants. Over 1,300 fields of study are currently being taught at Masaryk University; traditionally, a significant portion of the studies are likewise being offered as part of lifelong learning programmes.

All study-related operations as well as operations related to the recording of study results are administered via the unique **MU Information System**, a safe and reliable tool for accurate data processing accessed daily by students as well as university employees. Every year, the system is supplemented with new functions; it has come to form an inseparable part of day to day university life.

### Development of Degree Programmes

Innovation and development concerning fields of study at Masaryk University correspond to an analysis of needs on the part of Czech society and demand on the part of study applicants and future employers. Recently, more and more effort has been centring on developing a wider set of options in interfaculty studies, with great emphasis placed especially on those fields of study which have been perceived as separate disciplines with little or no outreach to other fields. The joint objective is to strive for greater involvement of experts working in their respective fields.

The Law and Finance field of study, implemented by the Faculty of Economics and Administration and Faculty of Law, may serve as an example of the approach. The studies centre on mastering issues related to corporate finance, finance markets and enterprise with special attention devoted to the legal regulations governing these areas. A new field of study, Public Administration Informatics, has been opened under the Applied Informatics programme at the Faculty of Informatics; the field focuses on the influence of information and communication technology in the public sector and public administration. The Faculty of Education has opened a new field of study called Special Art Education, focusing on work in disadvantaged work groups while the Faculty of Science has opened Administrative Geology – a field of study supplementing the primarily research-oriented field of Geology with a legal and administrative point of view. The Faculty of Arts has launched Scandinavian Studies as well as a field of study focusing on the Dutch language and culture. The recently opened Institute of Law and Technology likewise deserves a mention; based at the Faculty of Law, the institute specializes in virtual identity theft, online intellectual property protection and aspects of power engineering, biotechnology and protection of research results. In 2009, the Faculty of Arts and Faculty of Law included the following freshly accredited degree programmes in their admission

procedures: Culture Studies of China, Prehistoric Archaeology of the *Near East* (both FA) and Senior Officer of Justice (FLaw).

The Faculty of Economics and Administration has continued to offer educational opportunities to those incarcerated in the Brno Remand Prison. In exchange for payment, inmates are thereby able to gain credits counting towards their future regular studies. The project has been successful from the outset and now boasts its first graduates.

Developing degree programmes and fields of study on offer naturally goes hand in hand with **providing study applicants with the necessary services and assistance**. Developed in 2009 in cooperation with an external agency, a new portal (<http://www.muni.cz/admission>) is designed and structured in a way which enables applicants to easily navigate the otherwise rather complex course catalogue.

According to the Higher Education Act, Masaryk University is also entrusted with **ensuring the recognition of studies, diplomas and degrees in higher education as well as qualification acquired abroad**. In 2009, MU received 344 requests for foreign university education and qualification recognition in Bachelor's and Master's degree programmes, i.e. a 34% increase in comparison with 2008. A total of 218 certificates recognizing foreign university education and qualification were issued, 79 requests were rejected (in 43 of these applicants took advantage of their legal right to appeal to the Ministry of Education, Youth and Sports of the Czech Republic). A further 7 applicants submitted requests for recognition on a doctoral level; three requests were accepted and two rejected. In this case, the number of requests did not change in comparison with 2008 figures.

A total of 59 graduates of Masaryk University in Brno, University of Jan Evangelista Purkyně in Brno, the Teacher Training College in Brno and the Teacher Training Institute in Brno and Jihlava who had completed their university studies prior to 1 July 1990 but did not receive any academic title, professional title or other university graduate degree on submitting a diploma owing to earlier regulations were issued **certificates granting the academic title** of "magistr".

### Admission Procedures

The incessantly rising number of entrance applications is proof of the attractiveness of programmes offered at Masaryk University. Although the demographic situation is becoming less and less favourable, in 2009 Masaryk University once again succeeded in amassing more entrance applications than in the year before. Masaryk University is sought after even by applicants abroad: not only was the university represented at the Slovak educational trade fair, but great numbers of applicants took advantage of the repeated opportunity

presented by entrance examinations held in Bratislava.

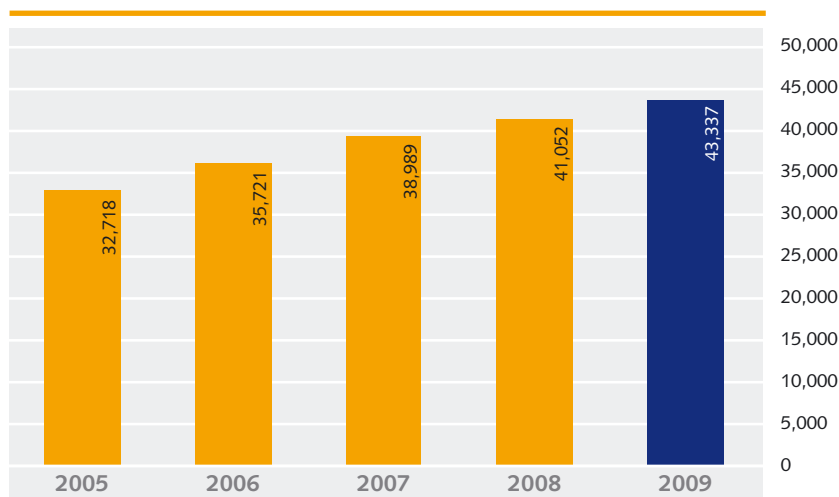
As of 31 October 2009 a total of 43,337 students were enrolled in regular studies at Masaryk University. Of these, 23,394 students were enrolled in Bachelor's, 16,542 in Master's and 3,401 in doctoral degree programmes.

Masaryk University produced a total of 7,744 graduates in 2009: 3,932 in Bachelor's, 3,526 in Master's, and 286 in doctoral degree programmes. In comparison with the previous year, the total number of students graduating from Masaryk University rose by 10.7%.

The **Learning Potential Test (LPT)** is the unified form of entrance examination used at all faculties apart from the Faculty of Medicine and Faculty of Social Studies. Faculties may supplement the test with field-specific tests or – as is the case at the Faculty of Sports Studies – a practical entrance examination. A prospective student applying for studies in more than one field at MU only needs to take the learning potential test once; the results are then automatically allocated to all of his or her relevant applications. The learning potential test was held from 9 to 11 May 2009 in Brno and on 9 May in Bratislava. Applicants were given the opportunity to choose a preferred LPT date; in most cases their wishes were subsequently granted.

The recommended method of preparation for the LPT comprises studying previous versions of the test. All past versions of the LPT including the key and detailed point statistics are available to applicants free of charge on the MU website. Applicants may also use interactive online quizzes

Graph 1 Student numbers at MU



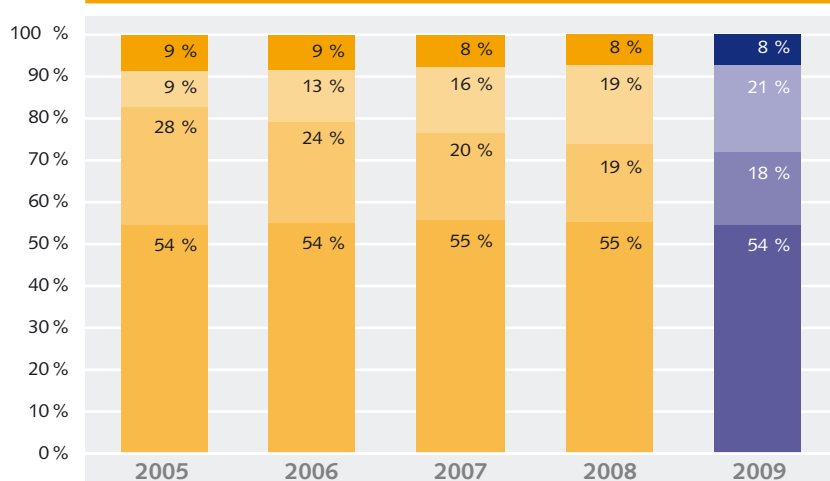
Over 43,000 students were being educated at Masaryk University in 2009, i.e. an increase of 5.5 % in comparison with the previous year.



Student structure according to degree programmes has remained relatively constant over a period of several years. As of 31 October 2009 a total of 43,337 students were enrolled in regular studies at Masaryk University. Of these, 23,384 students were enrolled in Bachelor's, 16,542 in Master's and 3,401 in doctoral degree programmes.

■ doctoral  
■ long-cycle Master's  
■ Master's  
■ Bachelor's

Graph 2 Student structure according to degree programmes



composed of past LPT versions which automatically track time and provide instant evaluation. Masaryk University thus aims to offer a level playing field to all applicants, providing socially disadvantaged applicants with the opportunity to take part in high-quality training, etc. A discussion forum intended solely for applicants is now in its second year of operation; the forum provides space for discussing the tests themselves as well as for addressing administrative issues relevant to the entrance application. The discussion forum is moderated with questions promptly answered by workers of the Office for Studies at the Rector's Office. A total of 4,322 contributions were registered in 2009 – another substantial source of support among applicants. As in 2008, applicants have had the option of purchasing electronic

applications via the online Shopping Centre. Credit card purchases – assuredly the most economical method of payment for applicants both in the Czech Republic and abroad – were first launched only in 2009.

### Internationalization of Studies

In 2009 Masaryk University continued to pursue an official **internationalization strategy**, first adopted in 2003 and subsequently updated throughout the course of the past year.

As far as the **international mobility** of students and academic (as well as non-academic) employees is concerned, a large portion of all international activities at Masaryk University took place within a range of international programmes; the Lifelong Learning Programme and its sub-programmes such as project Erasmus (as well as others, i.e. Comenius, Leonardo da Vinci, Grundtvig and Jean Monnet) is arguably the most prominent. Projects successfully submitted under Erasmus Mundus II – Action 2 (formerly the External Cooperation Window) in 2009 have significantly broadened the spectrum of available mobility destinations to include the Middle East and Central Asia as well as the countries of the western Balkans, China and South America. Moreover, Masaryk University has been included in seven consortia under the Erasmus Mundus programme, a unique achievement even on a European scale. In addition, exchange students from the above mentioned countries have already managed to make a significant contribution to the academic environment at Masaryk University.

Additional project frameworks traditionally associated with mobility at MU include e.g. CEEPUS, Aktion, EEA/Norwegian Financial Mechanisms, ISEP, etc.

However, a large number of international student mobility activities take place outside of these international programmes. Masaryk University provides students as well as academic employees with the financial aid necessary for international work and study placements under the provisions of **bilateral university agreements** (MU continued its long-standing cooperation with a total of seven partner universities throughout 2009) or in cooperation with any of the large number of other official MU partners – on both university and faculty level. A number of international university activities likewise took place on the basis of intergovernmental agreements considered binding for the Czech Republic. Student mobility projects falling outside the scope of any project framework – i.e. freemovers and study placements based on selection procedures and quota allocation – were funded by a development project of the Ministry of Education, Youth and Sports.

Not only is the number of students participating in short-term mobility projects on the rise,



the numbers of **international students enrolled in regular degree programmes** at MU is rising as well: the total of such students stood at 5,180 in 2009, i.e. a 16 % increase in comparison with the preceding year.

The international character of any university may be judged according to its **offer of courses and degree programmes taught in foreign languages**. Far from lagging behind, Masaryk University is constantly adding new courses – primarily those taught in English. Moreover, several foreign-language degree programmes have been successfully accredited in 2009; such degree programmes are offered primarily in Master's studies and on the doctoral level. Joint doctoral studies are also becoming increasingly common.

In accordance with the above mentioned **internationalization strategy**, Masaryk University is also systematically working on its **presentation abroad**; in 2009, this was largely achieved by means of presentations at international educational trade fairs – e.g. the European Association for International Education (EAIE) conference and trade fair, the annual NAFSA conference as well as several instances of the European Higher Education Fairs taking place in Asia. Since 2007, the university has likewise been cooperating with agencies recruiting prospective students interested in fee-based foreign-language programmes at MU.

### Language Skills Support

The **Masaryk University Language Centre** plays a key role in developing students' language skills, an important point in the *MU Strategic Plan*. The university-wide unit provides students of all faculties with LSP (language for special purposes) and academic language instruction; English, German, Russian, Spanish, French, Latin and Czech for foreigners are all taught on a regular basis.

In 2009 the Language Centre specifically focused on improving doctoral students' language capabilities. Apart from academic writing courses in English, doctoral students were presented with the opportunity of consulting academic texts with international instructors.

Collaboration with language centres based at universities around the world likewise continued, with Hacettepe University in Turkey joining the ranks.

Intensive Czech language courses intended for incoming students have been held under the auspices of the Erasmus programme for the second year running.

### Lifelong Learning

Both the number of participants as well as the number of educational programmes offered under Masaryk University's lifelong learning programme has experienced a significant rise.

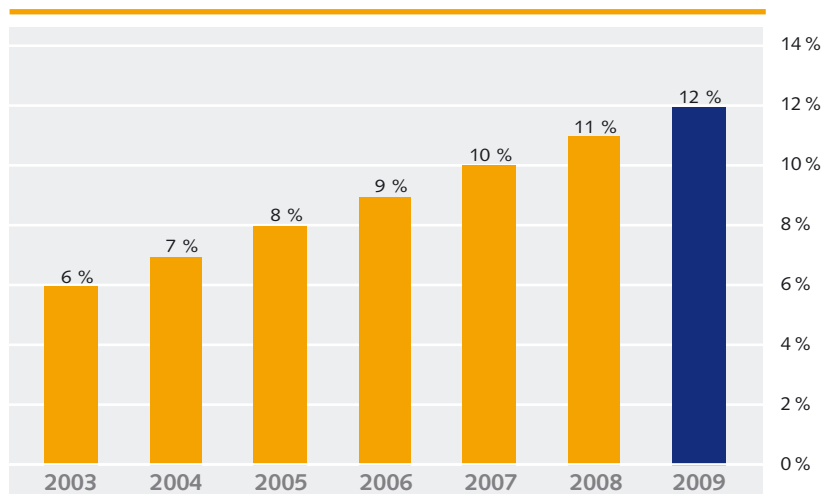
All nine faculties as well as the Rector's Office successfully implemented **481 lifelong learning**

## Modernizing Language Education at MU

Beginning in May 2009, the Language Centre has embarked on a three-year project entitled COMPACT – Competence in Language Education at Masaryk University. Financed from European Structural Funds, i.e. the Education for Competitiveness Operational Programme, the project is focusing on creating a unified language educational system at MU, standardizing and assessing language competence according to European models, most importantly the Common European Framework of Reference for Languages. Throughout 2009, efforts were directed primarily towards course innovation – including e-learning support – as well as teacher education in language competence testing.

*The growing internationalization of the university can be documented by the increasing number of international students. While there were only 1,643 foreign students in 2003, the figure rose to 5,180 by 2009, i.e. a full 12 % of the entire student population.*

Graph 3 International students at MU



**programmes** with a total of 20,078 participants taking part in full-time, distance and combined studies. Programmes offered by the Faculty of Medicine drew the highest number of participants: 12,601.

Lifelong learning at MU focuses primarily on professionally-oriented programmes; the university also strives to create connections with corporate institutions which would then allow their employees to continue the educational process. The lifelong learning of professional groups (e.g. teachers, public administration officials) also plays an important part. The internationally accredited Master of Laws (LL.M.) and Master of Public Administration (MPA) studies likewise fall under lifelong learning; Masaryk University is currently planning their expansion.

## 2.2. THE QUALITY OF ACADEMIC LIFE

### Scholarship Policy and Support for Talented Students

Full-time Masaryk University students with no permanent address in the city of Brno receive **accommodation grants**. In order to be eligible for the grant, applicants must be enrolled in their first university degree programme at a Czech higher education institution and must not exceed the standard length of studies. As far as accommodation grant allocation is concerned, Masaryk University has largely adopted guidelines set out by the Ministry of Education, Youth and Sports. The grants are disbursed twice a year: for each half of the calendar year.

A total of 14,908 students received an accommodation grant of 3,500 CZK during the first half of the year (i.e. an amount of 52,178,000 CZK was disbursed) while in the second half of the year 16,511 students were awarded grants of 3,340 CZK each (i.e. 55,146,740 CZK in total). Roughly 50% of all applicants – MU students enrolled in full-time studies – met the conditions for receiving an accommodation grant. During the spring and fall semesters, 40 and 59 students respectively applied for an exception from fulfilling the conditions; 90% of them were successful. A great majority of these were students of the Support Centre for Students with Special Needs or students who had proved that information regarding their studies had been inaccurately listed in the national register of studies. Six students received the grant following a review procedure. Most of them applied for review of the decision reject-

ten months of the calendar year and amounts to a legally stipulated monthly sum of 1,620 CZK. Students may apply for the bursary electronically via the MU Information System. Thanks to substantial developments in the electronic application form which now provides better control over student-specific data, the 2009/2010 academic year saw a restructuring of the payment schedule: whereas bursaries have previously been disbursed in instalments covering several months, it is now possible to do so on a monthly basis. A total amount of 5,056,020 CZK was disbursed among ca. 320 eligible applicants during the 2009 calendar year.

The MU Scholarship and Bursary Regulations list **five additional scholarship and bursary categories**: grant in support of studies in a doctoral degree programme, grant in support of creative activities, accommodation grant, grant in support of mobility, and a grant reserved for exceptional cases. Motivating and supporting outstanding students is one of the frequent uses of scholarship and bursary funds. Individual faculties also organize their own scholarship and bursary programmes – a total of 67 were announced in 2009. Most of these were programmes designed to support students with excellent study results. The total sum disbursed in such programmes in 2009 amounted to 5,541,538 CZK. Scholarships and grants in support of creative and scientific activities, allocated by individual faculties both within and outside of scholarship programmes, constitute another source of student motivation. In 2009 such scholarships and grants amounted to a total of 14,055,587 CZK. The Rector's Awards for Outstanding Students at MU should be mentioned as well. Students from various MU degree programmes thus received scholarships worth over 240 million CZK.

Masaryk University strives to provide students with an accurate and transparent process of determining **study-related fees**. A new electronic evidence system administering the entire fee-allocation process is currently under development; scheduled to launch in 2010, it is designed to provide students with more accurate information and facilitate all fee-related administrative operations. A total of 5,923 study-related fees were determined in 2009. In 3,064 of these cases, the deans of the appropriate faculties received appeals to revise the fees. In 75 cases the decision was either revoked or revised in a first-instance ruling, the remaining decisions were upheld by the Rector. Under the provisions of the Higher Education Act, a study-related fee may be either waived, reduced, or its maturity postponed. In 2009 fees were waived in a total of 347 cases. Most of these comprised disabled students studying in cooperation with the Support Centre for Students with Special Needs, students from disadvantaged



ing their right to a grant on the grounds of inaccurate study records in the national register and subsequently succeed in substantiating all claims. In 2009 Masaryk University disbursed a total of 107,324,740 CZK in accommodation grants to eligible applicants.

Throughout 2009 Masaryk University also continued to award **bursaries**. The bursary applies to



economic backgrounds or students with excellent study results. In an additional 2,070 cases the Rector ruled to reduce fees, generally due to the social situation of the students, their study results or participation in a study placement abroad. The obligation to pay the amount in full was preserved in all remaining cases.

### Quality Assurance at MU

In addition to regular degree programme accreditation and re-accreditation, i.e. external evaluation methods, Masaryk University also employs a number of internal mechanisms for monitoring and ensuring high-quality education. The Strategy Office of the Rector's Office is responsible for the methodology behind such evaluation and works in close cooperation with other university offices and faculty units. Recommendations included in the *Standards and Guidelines for Quality Assurance in European Higher Education Area* also contribute to the developing of internal evaluation procedures.

Furthermore, **evaluation by students and graduates** themselves forms another integral part of the quality monitoring system. In recent years, Masaryk University has developed a complex system of sociological surveys spanning a number of target groups and covering the entire educational process from applicant to graduate. While students are asked to evaluate instruction quality at the end of each semester, graduates also participate in periodic evaluations, e.g. the Recent Graduate Survey (1,123 responses were gathered in 2009) and the Graduate Destination Survey, both of which provide information about long-term trends in graduates' satisfaction concerning the education they received as well as their current positions on the job market. Additionally, a survey conducted among first-year students every other year is designed to map the expectations and motivation of students freshly enrolled at Masaryk University.

On the course level, it is students' evaluation of instruction which serves as one of the most important mechanisms for monitoring quality. Since 2003 Masaryk University students have had the chance to express their opinions regarding course quality by means of a course opinion poll taking place at the end of each semester. As the student evaluation mechanism is now fully integrated into the MU Information System, the university has managed to achieve a high return rate while simultaneously ensuring anonymity and credibility. The course opinion poll consists of seven areas evaluated on an eleven-point scale: attractiveness, course usefulness and difficulty, the amount of effort required for preparation, resource availability and evaluation of the teacher him or herself as well as his or her professional competence. Students may supply an optional written commentary.

## Student Awards in 2009

### Rector's Awards for Outstanding Students in Master's Degree Programmes at MU:

- **Bc. Jan Křetinský**  
Student of the Informatics Master's degree programme at the Faculty of Informatics
- **Tomáš Hülle**  
Student of the Law and Legal Science Master's degree programme at the Faculty of Law
- **Bc. Petr Preclík**  
Student of the International Territorial Studies Master's degree programme at the Faculty of Social Studies

### Rector's Awards for Outstanding Achievements in Sports:

- **Bc. Petr Bubniak**  
Student of the Physical Education and Sport Master's degree programme at the Faculty of Sports Studies

## Results of Sociological Surveys Carried out in 2009

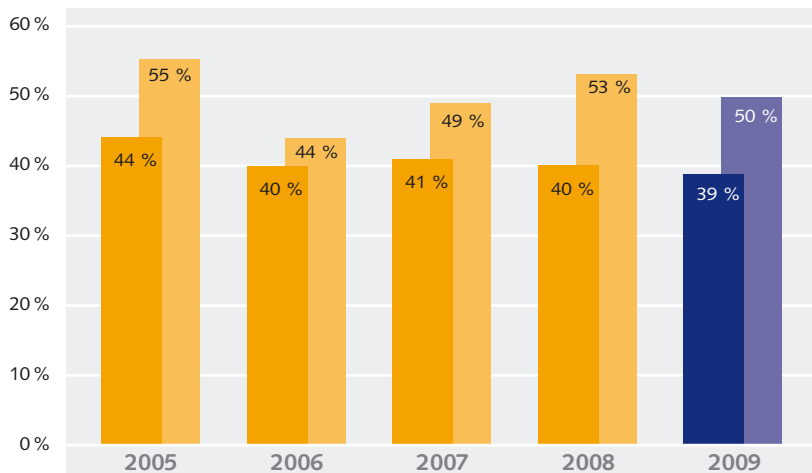
- **One half of all fresh Masaryk University graduates either have a job or already know where they will start work upon completing their studies.** This ratio has remained virtually constant since 2006. Over four fifths of all fresh graduates consider their current job promising. Nearly nine out of ten 2007 and 2008 MU graduates (85.3 %) are employed (or involved in private enterprise), the remainder are either not working for a variety of reasons (e.g. parental leave, further studies or placements abroad, etc) or are unemployed. The unemployment rate among respondents is a mere 1.4 %, i.e. roughly six times lower than the nation-wide figure.
- Roughly two thirds (64.2 %) of all graduates are **working in a field they had previously studied.** A total of 49.2 % of all 2007 and 2008 graduates are state-employed (most frequently FMed, FEdu and FSci graduates) and nearly a quarter are employed by Czech companies in the private business sector (frequently FLaw and FI graduates); FI and FEA graduates are most likely to find employment with international companies and multinational corporations.
- The repeated first-year survey also produced some rather interesting results, indicating that **university choice** is governed most importantly by prospective developments is one's education, knowledge and skills – both in general as well as in one's field of choice. Academic titles and better job opportunities are also significant sources of motivation. The wide range of studies on offer and the opportunity to choose a field of study tailored to one's interests appears to form the most important reason for choosing Masaryk University (96.3 % of all respondents considered this to be an important factor).



A total of 13,489 respondents (i.e. 39 % of all MU students) filled out the course opinion poll in the spring 2009 semester while 20,295 students (i.e. 50 %) responded in the autumn semester; the rate of return in this semester is traditionally higher.

■ spring semester  
■ autumn semester

Graph 4 Course opinion poll rate of return



### Student Involvement in Counselling

Students currently studying at MU frequently take part in counselling, organizing e.g. the following events and activities for their fellow students:

- **Prvákoviny** – two-day introductory and informative first-year student event
- **Student counsellors** – counselling and assistance dealing with general study-related issues
- **Training courses** – organized for MU students under teacher supervision
- **Mathematics conditioning seminars** – preventing premature study termination
- **Study and professional orientation testing** – for undecided secondary school students
- **Game sessions** – leisure-time meetings

A unique **project focusing on the evaluation of selected fields of study** serving as the first step towards establishing university-wide mechanisms periodically evaluating the quality of individual fields with the aid of outside consultants continued throughout 2009. The project is designed to improve the quality of the evaluated fields by means of incorporating feedback from students, graduates, employers and academics.

### Developments in University Counselling

University counselling at Masaryk University has a long-standing tradition. The year 2009 saw a rise both in the number of programmes on offer as well as in student numbers. A wide array of programmes – ranging from day projects to courses several days in duration – addressed issues including self-development, individual counselling focusing on personal development and study-related as well as personal problems. The **University Advisory Service** continued to provide students with counselling services free of charge.

Counselling activities also took place at individual faculties – the Faculty of Science held preparatory mathematics courses for newly enrolled



first-year students while the Faculty of Sports Studies continued to run the Nutrition Advisory Centre, providing counselling on diet-related and psychomotor therapy issues; the Faculty of Education-run advisory centre provided counselling on study-related and social problems for students of teacher training programmes.

The **Masaryk University Career Centre** is the university's own counselling and employment agency, designed to fulfil the needs of all students and recent graduates regardless of field of study or faculty. Its main contribution lies in helping students communicate with future employers as well as facilitating their transition from an academic to a work environment.

A total of 42 specialized seminars focusing on soft skills development took place during the

course of the year with individual sessions focusing on developing skills relevant to the job search as well as to the work environment itself. A second seminar cycle dealt with issues regarding the job market outlook of recent graduates. A series of ten instalments of the Assessment Centre, a modern technique of examining prospective employees, provided students with insight into the employee selection process. A total of 548 students took part in the seminars during the course of the year.

The opportunity to participate in individual counselling was also taken up by students regardless of field of study or faculty. Experts provided free information and advice on career issues ranging from CV and cover letter writing to best practices at job interviews. Psychodiagnostic testing probing personality and performance may be considered another well-received service, especially with respect to students' future employment opportunities.

The third annual **JobChallenge** trade fair took place in November 2009 at the Faculty of Economics and Administration. The trade fair was specifically designed to create and develop ties between representatives of the business sector and MU students and graduates, facilitating direct contact between students and prospective employers. Nearly 1,300 students and 28 companies from the entire Czech Republic took part.

### Student Services

Ten MU halls of residence with a total accommodation capacity of 4,298 are spread around Brno. The criteria for allocating residences to students remained the same as in previous years: 1,500 places were reserved for students enrolled in full-time degree programmes at MU for the first time, the rest was allocated according to a given student's distance from home, social and health conditions and study results. A total of 6,872 applications were in evidence at the outset of the academic year, 4,626 of them were accepted. The number of international students (including Slovak students) taking advantage of university accommodation is on the rise: as of the end of the 2009 calendar year 2,493 students were making use of the opportunity.

An electronic payment system utilized by the Accommodation and Catering Services is being perfected in collaboration with the Institute of Computer Science and the Rector's Office. In addition to existing cash deposit machines, trial copy machines directly connected to the SUPO account system were installed at the Vinařská residences. All residences are connected to the internet via a student residence network.

A number of places are left unallocated: 239 places are available for accommodating e.g. international exchange programme attendees, etc. Of these, 57 places are reserved for international lecturers and visiting professors. Other

accommodation-related commercial activities taking place during the course of the academic year depend on the number of unallocated places.

Student and staff catering is provided by the MU Accommodation and Catering Services which currently operates four main canteens, eight cafeterias, one café and one pizzeria. Their combined capacity is over 7,000 hot meals per



### MU Halls of Residence

- Vinařská – 1,115 places
- Tvrdého – 356 places
- Kounicova – 580 places
- Mánesova – 346 places
- Klácelova – 313 places
- Nám. Míru – 248 places
- Veveří – 70 places
- Komárov I. – 479 places
- Komárov II. – 432 places
- Komárov III. – 177 places

day. The offer is based on menus consisting of 6 set lunches, 3 set dinners and 16 kinds of a la carte meals.

A new Academic Restaurant located in the Campus Square shopping centre in the immediate vicinity of the University Campus at Bohuňovice was opened at the outset of the 2009/2010 academic year. Thanks to its location, the Academic Restaurant is not a classic canteen: it caters to MU students and employees as well as to the general public. The restaurant is continually adding new types of meals including e.g. gluten-free foods, etc.

Activities such as providing catering services at important MU events as well as offering these services to outside institutions have also proved to be very successful.





### 2.3. PROGRESS IN UNIVERSITY EDUCATION AS A PUBLIC SERVICE

#### Improving Disadvantaged Groups' Accessibility to University Education

The Support Centre for Students with Special Needs is responsible for disabled students at all faculties and university units. Masaryk University was in fact the first Czech university to start considering the presence of persons with special needs – students as well as teachers – a natural and permanent goal, to be achieved by both legislative and technological means. Masaryk University has gradually created an integrated environment for students with special needs. Some of the highlights include: integrated organization and study regulations, a systematic and fully electronic study agenda, a specialized workplace equipped with cutting-edge technology, etc. Competences have been clearly distributed throughout the university and a system of personal assistants, digitalization employees, tutors, lecturers and sign interpreters instituted. Furthermore, a nation-wide electronic library of specialized literature is now fully accessible to the visually impaired. The university complex for disabled students offers a total of 60 computer

students in such a way that – with the help of relevant information technology as well as alternative communication and perception methods – the students in question are able to take part in a standard written entrance examination. A total of 312 severely disabled persons (i.e. persons with limited work ability or holders of disability certificates) who wished to sit the entrance examination using a special form of communication applied for studies at Masaryk University in the 2009/2010 academic year. About one tenth of them registered for preparatory courses organized by the Support Centre for Students with Special Needs.

In the autumn 2009 semester the number of Masaryk University **students with no or impaired vision** stood at 101 (compared to 104 in the previous year). Public university libraries currently house 1,320 volumes in Braille, an additional 5,425 books have been converted and are available electronically, a further 59 are available as hybrid books, a format developed at Masaryk University. In 2009 Masaryk University issued over 43,000 pages printed in Braille intended

#### MU Gains Recognition for Providing Equal Opportunities

A contest announced by the Committee of Good Will – The Olga Havel Foundation has brought Masaryk University recognition in the form of an award for the most accommodating approach to disabled students. The contest, entitled School without Obstacles 2009, took place within the framework of the Pathways to Integration public education campaign with results announced in the Chamber of Deputies of the Parliament of the Czech Republic on 21 September 2009. Additionally, a team of visually impaired Masaryk University sportsmen received the Best Event in Disabled Football 2009 award on 10 January 2010. The event in question was a summer football camp for the visually impaired – co-organized by Masaryk University and the University of Worcester. Both awards bear testimony to the extraordinary attention Masaryk University is routinely devoting to providing equal opportunities for each and every student.

workstations in either computer labs or reading rooms with round-the-clock service. General access to all assistive software for disabled persons commonly distributed on the Czech market is provided for; additional options include accessible publishing activities (e.g. images and maps) and a recording video studio for recording documents in Czech sign language. This type of equipment matches the number of disabled persons among students and employees, who can therefore be asked to perform work with standard efficiency. As of 2009 there were four blind or visually impaired persons, six deaf or hearing impaired persons and one physically impaired person among teachers and university staff.

Since 2000, Masaryk University has been organizing entrance examinations for disabled



either for visually impaired students at other universities or at secondary schools. Equipping study rooms with the necessary technical equipment comprised another prerequisite facilitating the development of new lifelong learning activities for visually impaired persons.

In the autumn 2009 semester the number of Masaryk University **students with impaired hearing** rose to 100 (from 90 in the previous year). In order to meet the provisions of Act No. 155/1998 Coll. on Sign Language and on Amendment to Certain Other Acts as amended by Act No. 384/2008 Coll., Masaryk University currently employs five in-house and 15 part-time sign language interpreters responsible for providing sign language interpreting assistance, a service unparalleled at other universities. Masaryk

University likewise provides hearing impaired students with special Czech and English courses regardless of their field of study.

In 2009, the number of MU **students with limited mobility** stood at 62. Since 2007, the university has been financing parking spaces for the disabled, allowing students and teachers with limited mobility to park their vehicles on public premises close to university facilities.

The number of persons suffering from serious **cognitive disorders** is on the rise. A total of 51 students at Masaryk University were suffering from a diagnosed learning disorder (most commonly dyslexia) in 2009 (an increase by 8 in comparison with the previous year). The cognitive disability range of each applicant declaring a **specific learning disability** is examined and special attention devoted to practicing compensation strategies, primarily with the aid of ICT.

In collaboration with the Prison Service of the Czech Republic, Masaryk University has been offering **access to university education to convicts** since 2004. E-learning as well as actual lecture rooms inside Prison Service facilities have enabled 20 convicts to take part in MU educational programmes. The current offer of fields administered by the Faculty of Economics and Administration may be extended in the future; negotiations with the Prison Service board of directors are under way.

### Regional Educational Activities Development Support

One of the long-standing objectives at MU is the development of educational opportunities in a regional context. This policy has led Masaryk University to expand its educational activities to the Vysočina region. Since 2004, Telč – a town registered in the UNESCO World Heritage List – has been home to the **University Centre Telč (UCT)**.

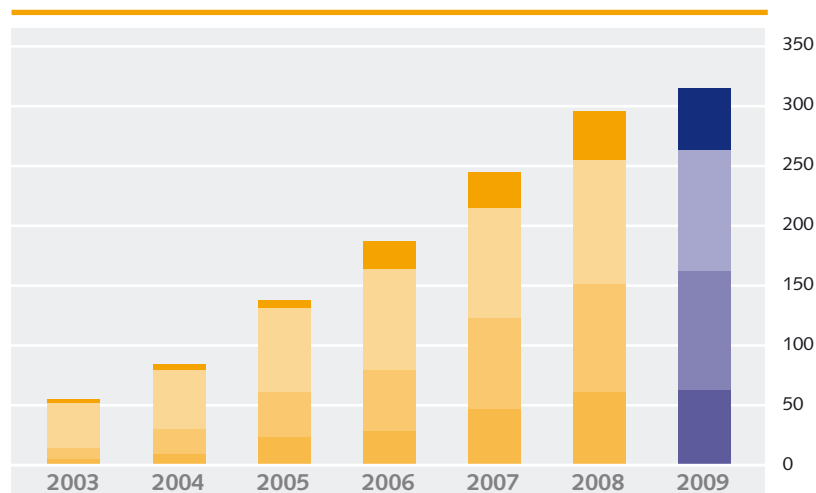
MU management are aware of the fact that the former Jesuit complex which currently houses the UCT is unable to meet the requirements necessary for the full scale of educational activities to take place without undergoing a major reconstruction and modernization. An extensive refurbishing scheme was thus launched in July 2009. Upon renovation, the UCT complex will turn into an educational and cultural centre for the Vysočina region. The reconstruction process is set to focus on renovating original architectural elements (e.g. courtyard arcades) as well as on reconstructing cellar spaces, etc. New rooms fitted with 72 beds will replace unused attic spaces. The new integrated barrier-free university complex complete with modern educational and conference facilities, library, counselling and information centre and café is scheduled to open at the beginning of 2011.

Summer FEA lectures of the Public Economy and Administration, Regional Development and

*A total of 100 hearing impaired, 62 physically impaired, 101 visually impaired and 51 students suffering from serious learning disorders were enrolled at MU in 2009.*

■ spec. learning disabilities  
■ visual disabilities  
■ hearing disabilities  
■ limited mobility

Graph 5 Disabled students at MU



## UCT Events and Activities in the Vysočina Region:

- **University of the Third Age:** On 18 May 2009, 64 participants of the three-year U3A-run History of Arts and Visual Culture course were issued graduation certificates in the presence of MU Vice-Rector Assoc. Prof. JUDr. Jan Svatoň, CSc., and Prof. PhDr. Josef Krob, dean of the Faculty of Arts. A new three-year course was launched in Telč on 18 September 2009: From Prehistory to Early Modern Times: Archaeological Perspectives. The course was prepared in collaboration with the Department of Archaeology and Museology of the Faculty of Arts.
- **Partnership in Education:** Partner schools in the Vysočina region are currently limited to the following: Otokar Březina Gymnázium in Telč, Pelhřimov Business Academy, Graphic College and Secondary Graphic Art School and grammar schools in Jihlava, Žďár nad Sázavou and Nové Město na Moravě. The first two have been involved from the outset, actively participating in all MU activities included in the project.
- **Faculty Primary School:** On 23 June 2009, Hradecká Street Primary School in Telč was granted the status of faculty primary school, affiliated with the Faculty of Education. Thanks to the UCT's active approach and a great deal of interest on the part of the FEdu, Hradecká Street Primary School thus became the first faculty primary school in the Vysočina region.
- **Lectures and Seminars:** The Lower Austria Regional Exhibition 2009 was launched at the UCT on 29 January 2009; a series of Czech TV lectures entitled Stories of the Iron Curtain was presented to the public as well as to secondary school students from Lower Austria and the Vysočina region. Hosting the annual meeting of the Czech Syndicate of Journalists on 8 and 9 May, the UCT also served as the venue for Life in Europe in Mutual Respect – an international conference organized by the Veritas historical society from 13 to 16 May 2009. The lecture series included a presentation introducing the University Centre Telč.
- **Film:** In July Czech TV Brno visited the UCT in order to shoot the interior sequences of a new TV fairy tale entitled House of the Golden Sunrise.



Administration and Management fields of study continued regardless of the construction work, ongoing since the first half of the year. A majority of the lectures were relayed via videoconference, thus simplifying the preliminary reconstruction process.

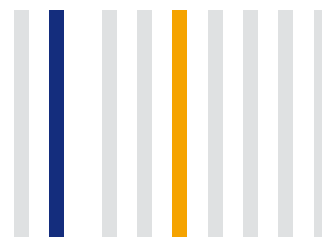
### Developments in Lifelong Learning Programmes

Programmes for senior citizens organized by the MU University of the Third Age have been extremely successful. The University of the Third Age is implemented in Brno and Telč in seven consecutive courses; a total of 1,770 senior citizens were registered in the 2009/2010 academic year. In addition to the basic lectures, a further 36 short-term thematic courses, lectures and field trips were organized specifically for U3A participants.

The educational opportunities presented by University of the Third Age courses are extremely popular – in the 2009/2010 academic year, the first year of the basic course reached full capacity in a mere three days. Prospective as well as current U3A participants may use the electronic application form available via the MU Shopping Centre. A full 50% of all 2009 participants took advantage of this system.



# Research





### 3.1. A RESEARCH UNIVERSITY

#### Evaluation of the Implementation of the Strategic Plan in Research, Focusing in Particular on Team Research and Project Research

Obtaining effective research results as well as reaching a level enabling the university to compete in a European research context on a regular basis are both high-priority areas as set out in the *Strategic Plan of Educational, Scientific, Research, Development, Artistic and Other Activities at MU in the Period 2006 – 2010* and its annual updates. A concept supporting team research as well as project research is in full compliance with such objectives: high-quality group as well as individual research receives the appropriate amount of support while internal mechanisms are subsequently utilized for ensuring the systematic evaluation of actual research results. The university has been taking steps towards systematically fulfilling this approach, e.g. assessing large team projects within the MU internal evaluation programme by means of internal financial audits as well as calling upon external evaluators to assess their content; Masaryk



University has also been striving to establish a research evaluation methodology of its own. Internal evaluation carried out by external evaluators has become a routine procedure, especially in the case of large-scale projects associated with operational programmes.

Creative effort is key to both primary research – the principal research area at every high-quality university with competitive aspirations – and applied research, especially in terms of long-term research trends. Industrial research focusing on specific issues of European concern (e.g. security and defence research) constitutes another area of interest. The concentration of research facilities of the Faculties of Science, Medicine and Sports Studies – all located at the university campus in Brno-Bohunice – signals a major team

research efficiency increase, providing researchers with opportunities to cooperate in the field of e.g. biomedical research.

Outstanding results achieved by participants of long-term research plans, research centres, and primary research centres alike are a clear indication of the high quality of team research at Masaryk University. The university houses a total of 18 teams participating in long-term research plans running since 2005 and a further four in operation since 2007 as well as five research centres and 17 primary research centres (17 of the 22 list Masaryk University as principal investigator). The university concept of team-based research and development may be seen as a successful one; long-term research project interim assessment carried out by providers has confirmed the quality of Masaryk University research teams as well as – on a more general level – the high level of primary research achieved at Czech universities. In addition to quality assessment carried out with the help of internal evaluation processes, recording publication output is also part of the assessment of research units' results.

**Cooperation with other institutions** is being strengthened within the framework of basic research centre teams. There are 17 of these at Masaryk University (six basic research centre teams were set up in 2005 and a further 11 in 2006; Masaryk University is in charge of 10). Five research centre teams (two starting work in 2005 and three in 2006), two of which list Masaryk University as the coordinator, comprise prime evidence of the university's focus on applied research. Virtually all faculties are involved in long-term research plan teams and research centres of both types. The very fact that essentially all fields of study found at MU including the humanities and social sciences are currently participating in a corresponding large-scale research project, i.e. are either involved in long-term research plans or connected to a research centre, is an indication of the stability, high quality and balanced nature of research activities at MU. Team research is naturally supported by means of standard types of grant-supported projects: research carried out at Masaryk University in 2009 comprised a total of 242 grants assigned by the Czech Science Foundation. The grants included e.g. the following: projects supporting research carried out by doctoral students (doctoral grants) as well as those who have already acquired their Ph.D. (postdoctoral grants), 45 projects administered by the Grant Agency of ASCR and the Academy of Sciences of the Czech Republic itself, 126 projects in ministry-funded research programmes and 23 international collaboration projects of the Ministry of Education, Youth and Sports.



## Unique Units and Facilities

One of the principal objectives Masaryk University set out in 2005 and started implementing from 2007 onward is taking full advantage of all available research and development capacities, resulting among other things in the strengthening of effective property and financial management. A coherent concept of sharing laboratories, unique instruments and other facilities contributes to maximum integration in the use of available research infrastructure, especially unique laboratory equipment. The idea of integration in the form of sharing unique laboratories has been implemented primarily in the field of biomedical research as part of a cooperation scheme between the Faculty of Science and the Faculty of Medicine at the University Campus in Bohnice.

### CETOCOEN Project

Project CETOCOEN, facilitating the development of the new Centre for the Study of Toxic Substances, is currently being established within the framework of the first call of the second priority axis of the Research and Development for Innovation Operational Programme. The university has acquired a total of 543 million CZK to erect a new building at the University Campus at Bohnice. The objectives of the project focus on environmental pollution and its influence on the quality of life; the unique combination of natural sciences findings and medical research is significantly application-oriented.

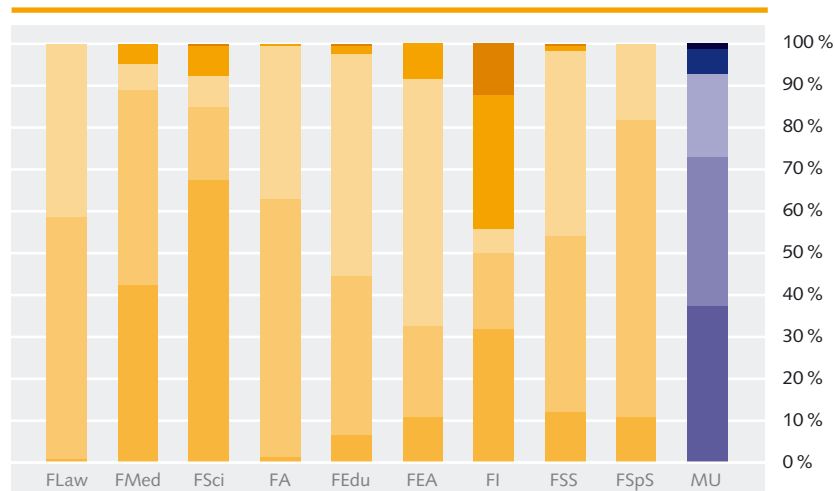
The centre will be tasked with gathering data relevant to environmental pollution by toxic substances, supplementing such findings with information about the impact and influence of toxic substances acquired in laboratory experiments, toxicological tests and mathematical models. Synoptic databases mapping pollution in particular areas and regions will then be compared with existing data concerning the health and medical problems of the corresponding population.

The results of the CETOCOEN project will provide companies and businesses with an objective tool for assessing the environmental impact of their technologies. Public officials will be provided with information on the state of their regions in order to issue objective decisions regarding e.g. new industrial zone construction and citizens will gain convenient access to free information about the environmental conditions in their place of residence and their impact on the incidence of a range of illnesses.

Dynamic integrated research units have also been established at the Faculty of Informatics and the Institute of Computer Science.

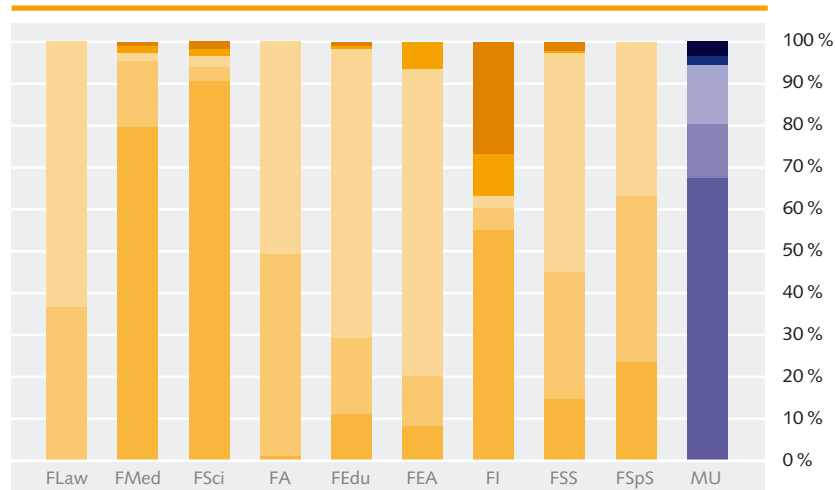
The **Gregor Johann Mendel Antarctic Station**, a Masaryk University-run research unit located on James Ross Island may be considered unique in a global sense. Placing great emphasis on effective and coordinated station use as well as on polar research promotion, the National Polar Research Centre was founded in 2008 as a joint venture by seven partner institutions: Masaryk University, University of South Bohemia, Czech Geological Survey, Comenius, and three institutes of the Academy of Sciences of the Czech Republic: Institute of Botany, Institute of Geology and the Biology Centre. Collaboration between the institutions

Graph 6 R&D publication output structure – numbers



Research and development results achieved by MU faculties in 2009, focusing specifically on the ratio of individual result types and overall result numbers and the ratio of individual result type point ratings according to the Metodika 2009 methodology. The graphs are evidence of one of the major flaws in the current quantitative research evaluation system, i.e. the lack of compliance with field-specific publication norms and the consequent damaging of the humanities and social sciences.

Graph 7 R&D publication output structure – points





is developing dynamically; e.g. a project proposal applying for inclusion of the National Polar Research Centre on the map of Czech research infrastructure has recently been submitted.

Another unique university facility, supported by the Support Centre for Students with Special Needs (Teiresias), is the university reading room and publishing house for the blind. More information about important unique units and facilities can be found in Chapter 7 which covers research at individual faculties.

### Cooperation in Research and Development

The successful results achieved in research and development are based on effective **cooperation between research teams**. Masaryk University research units are involved in close cooperation with international scientific research and development institutions, most importantly with universities and a range of scientific institutions (above all the Academy of Sciences of the Czech Republic and institutes at individual ministries) whose primary focus is non-educational. Projects run by research centres and primary research centres directly intended for inter-institutional collaboration comprise the ideal project type for implementing effectively coordinated creative research between the university and research institutions in the Czech Republic as well as abroad. The number of formally supported collaborative projects is on the rise, both in terms of standard grant projects at the national or international levels as well as those based on contractually bound agreements between faculties and external research institutions. Partnership with international institutions, especially universities, is an important prerequisite for the internationalization of doctoral studies. As a result of such internationalization, doctoral students now have the opportunity to work on so-called joint doctorates.

Cooperation between Masaryk University and the Academy of Sciences of the Czech Republic is a time-honoured, yet still very efficient research

scheme. The above mentioned National Polar Research Centre is a typical example of a successful partnership scheme. Besides, cooperation between the two institutions also has an educational aspect: a number of Academy institutes play important roles in implementing doctoral degree programmes in a wide variety of fields. Both primary as well as applied research projects almost always result in applicable output, thus contributing to successful cooperation between the university and ministerial and non-governmental institutions dealing with research and its application.

Apart from focusing on research itself, **Masaryk University is also committed to working with institutions promoting science** among secondary school students and the general public. MU is participating in several joint projects with the South Moravian Centre for International Mobility, co-organizing the Secondary School Scientific Activity and facilitating secondary school student placements in FSci and FMed laboratories. The university also acts as senior partner to the Brno Cultural Centre, organizing popular science festivals, etc. A new scientific contest for primary and secondary schools called ŽIRAFA was added to the annual science festival in 2009. Along with a number of Brno universities, MU joined the South Moravian region in developing the Moravian Science Centre project, to be submitted for approval under the Research and Development for Innovation Operational Programme. Most faculties are currently contributing to the concept and content. The project is designed to promote the natural sciences and biomedical as well as technical fields, employing an interactive and experiment-based format in order to present the general public regardless of age differences with a variety of natural phenomena at a comprehensible level.

### Projects of the EU Sixth and Seventh Framework Programmes

In accordance with identifying needs and objectives and in an effort to increase the capacity of research workers with respect to participation in EU projects, Masaryk University and the Technology Centre ASCR are concurrently focusing on the internal education of specific groups of workers – especially in terms of formulation methodology and submitting project proposals. Research workers submitting and implementing international projects are provided with personalized high-quality counselling as well as the necessary institutional support.

Furthermore, partnership with the South Moravian Innovation Centre and the Regional Contact Organization has helped MU organize an information campaign linked to the Seventh Framework Programme for the South Moravian Region.

In 2009 a total of 14 projects were carried out at MU under the auspices of the Sixth Framework Programme, an additional 28 – likewise associated

with MU – were submitted for implementation under the Seventh Framework Programme. As of 31 December 2009, the Seventh Framework Programme portfolio comprised a total of 102 submitted proposals; 19 contracts had been finalized and a further six were still under negotiation at the outset of 2010. Masaryk University is responsible for coordinating four Seventh Framework Programme projects. The efficiency of MU research workers in individual thematic sections is presented in the proposal submission success rate overview, listed here by faculty. The overall MU success rate currently corresponds to the European average; in a Czech context, Masaryk University ranks third in the number of Seventh Framework Programme projects investigated.



### 3.2. DOCTORAL STUDIES

#### Doctoral Studies as Part of Structured Studies

In comparison with other types of studies, doctoral study programmes place a great deal of emphasis on individual students' creative activity. Nevertheless, they are still a part of the system of structured studies and share a number of elements with Master's degree programmes. Both the credit system and credit accumulation principle are naturally used to track MU doctoral students' progress. Special courses have, however, been introduced in connection with the peculiar nature of doctoral studies: courses available outside a given student's field and specialization, etc. Such special courses tend to display a flexible credit value, in effect enabling students to set up personalized study plans. Displaying a certain measure of academic language competence – especially in English – has become a compulsory part of completing a doctoral degree; the C1 level according to the Common European Framework of Reference for Languages forms the minimum requirement.

In case a student passes the prescribed compulsory subjects at another university, in the form

of a double doctoral degree or individually, he or she may subsequently apply and – if granted the right to do so – finish studies according to the regulations of the so-called **European Doctorate**. Masaryk University already boasts the first few European Doctorate graduates.

The high quality of doctoral studies has been reinforced thanks to a shift in the standard length of studies; now extended to four years, the new model has already been accredited at eight faculties.

#### Doctoral Students as Research Team Members

Research activities form an inseparable part of doctoral studies. Masaryk University doctoral students are either deliberately integrated into research projects or may become regular members of large research teams working on long-term research plans, at research centres, or at primary research centres.

A total of 3,500 doctoral students are currently studying at Masaryk University, i.e. roughly 8% of the total number of all students. Needless to say, this percentage is one of the criteria defining MU as a research university. Doctoral students account for nearly 20% of the student population at both the Faculty of Medicine and the Faculty of Science. The overall average is lower thanks to faculties with a narrow professional focus and faculties which were recently occupied with tackling large numbers of Bachelor's and Master's students. However, neither of these situations should be viewed as negative.

**Creative student activities** and doctoral student activities in particular are funded by the Rector's Programme for Students' Creative Activities Support. Students are encouraged to participate in competitions to acquire the financial means for research projects relevant to their diploma theses

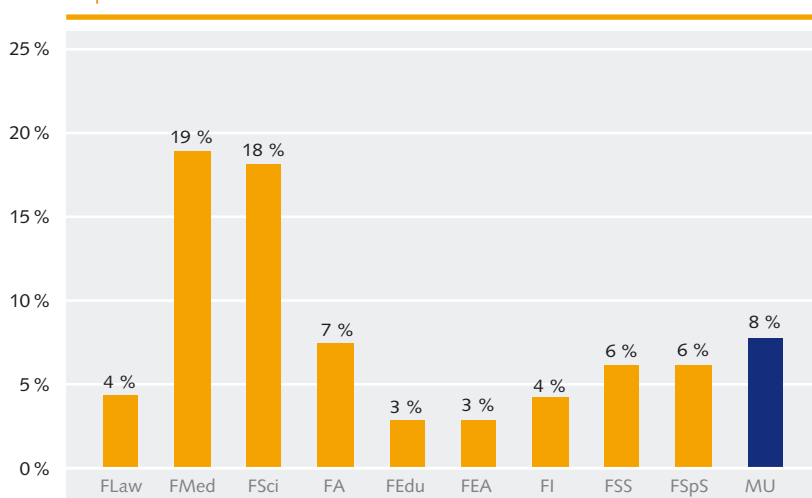






and dissertations or other research topics. A total of 47 projects were selected for implementation in the upcoming 2009/2010 academic year and granted a total of 6,964,000 CZK in financial support. In 2009, the competition was expanded to include team project support as well as student assistant involvement; funding was secured from e.g. development projects. Guidelines for a new competition focusing on projects financed by specific university research were set down in 2009 and the first competition run took place. A sum of 106,687,000 CZK will be distributed among 117 projects chosen in a two-round selection procedure with the help of external reviewers.

Graph 8 Doctoral students at MU



The percentage of doctoral students at a given university (faculty) is generally considered to constitute a marker indicating whether the institution may be considered a research university (faculty). A total of 3,500 doctoral students are currently studying at Masaryk University, i.e. roughly 8% of the overall student population.

### Doctoral Studies Internationalization

As specified in the *Strategic Plan*, internationalization is one of the most important goals Masaryk University has set out to fulfil. In order to meet this objective, doctoral degree programmes are striving for accreditation in English or other foreign language widely employed in a given field. In fact, several faculties have already achieved the ultimate goal of securing accreditation in a foreign language for all doctoral degree programmes and fields of study: the Faculty of Science, Faculty of Medicine, Faculty of Informatics, Faculty of Social Studies and Faculty of Sports Studies. In addition to double doctoral degree agreements, standard student mobility programmes and visiting scholar projects, internationalization in doctoral studies is also implemented with the aid of a development project first set up in 2007; the project aims to help doctoral students and new research workers integrate into research teams systematically and effectively, e.g. by means of research internships aimed at promoting high-quality doctoral dissertations and obtaining research results competitive on a European scale.

### Awards Granted in 2009:

#### Honorary Doctorates awarded by Masaryk University in 2009:

- Prof. Jean-Paul Costa, European Court of Human Rights, Strasbourg
- Prof. Javier Esparza, Technical University Munich

#### Gold Medals:

- Mgr. Josef Augusta
- Mgr. Kateřina Forstingerová
- Mgr. Jiří Holík
- Ing. Viktor Kotlán, Ph.D.
- Prof. PhDr. Ludvík Kundera, Dr.h.c.
- Ing. Marek Loula
- Prof. JUDr. Jiří Malenovský, CSc.
- RNDr. Luděk Neidermayer
- Prof. Dr. Tomáš Paus, PhD.
- Prof. PhDr. Miloslav Petrušek, CSc.
- Prof. JUDr. Mojmír Povolný, Ph.D., Dr.h.c.
- Prof. Dr. Dr. med Martin Riedel, FESC
- RNDr. Pavel Ševeček
- Mgr. Thanh han The, Ph.D.
- Prof. MUDr. Jiří Vaněk, CSc.

#### Silver Medals:

- Jaroslav Grégr

#### Rector's Award for Outstanding Creative Activity:

- Petr Klán, Jakob Wirz, FSci.  
*Photochemistry of Organic Compounds: From Concepts to Practice*, Wiley, Chippenhams 2009
- Zdeněk Adam, Jiří Vorlíček, Marta Krejčí, FMed, Hematology. *Overview of Malignant Hematooncological Illnesses*, Grada Publishing, Prague 2008

#### Rector's Award for the Best Students in Doctoral Programmes:

- Marek Mráz, FMed, Oncology
- Terezie Mandáková, FSci, Molecular and Cellular Biology
- Václav Brožek, FI, Informatics
- Otto Eibl, FSS, Political Science

#### Rector's Award for an Outstanding Dissertation:

- Jiří Chaloupka, FSci. Microscopic Gauge-invariant Theory of the c-axis Infrared Response of Bilayer High-Tc Cuprate Superconductors
- Petra Trnková, FA. Technical Image on a Painter's Easel
- Marcela Vlková, FMed. Flow Cytometric Analysis of T and B Lymphocyte Subpopulations in the Patients with Humoral Immunodeficiencies



### 3.3. ACADEMIC STAFF QUALIFICATION ADVANCEMENT

The demanding nature of procedures granting assistant professorship and professorship – requiring applicants to link their teaching capabilities and original scholarship, both corresponding to internationally recognized standards in terms of quality and extent – necessitates a great degree

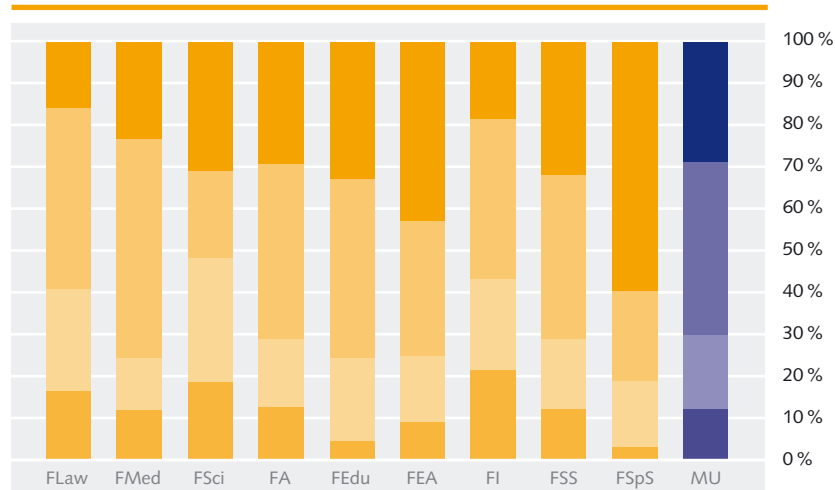


of support in the final preparatory stages. The necessary support is granted in the form of effectively planned research trips and sabbaticals. In 2009, academic demand led to the launch of a new development project, the MU Academic Staff Career Advancement as a Means of Improving Research and Teaching Quality. Under the provisions of this project, selected academic staff who committed themselves to submitting their proposals for the commencement of habilitation procedures or procedures for professorships before the end of 2009 were granted support either in the form of paid sabbaticals or research trips. A total of 36 individuals commenced habilitation and professorship procedures thanks to this form of support.

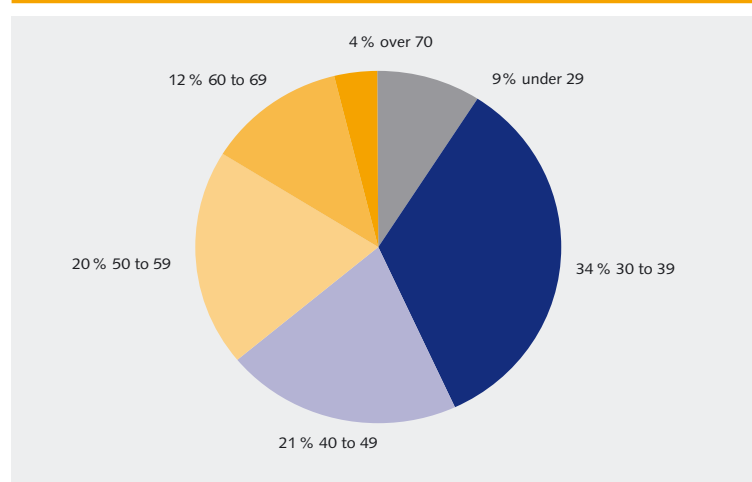
Graph displays the current qualification structure of all Masaryk University academic workers according to their overall numbers in 2009. Highly qualified employees – i.e. professors and associate professors – account for 30 % of the entire workforce.

■ others  
■ lecturers  
■ associate professors  
■ professors

Graph 9 MU academic workers qualification structure



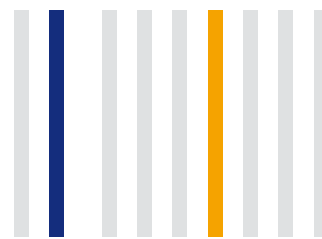
Graph 10 MU academic workers age structure



Nearly two thirds (64 %) of all Masaryk University academic employees are under 50 years of age.



# The University and Links to Society







#### 4.1. PUBLIC RELATIONS AND MARKETING

##### MU Promotion

The entire year was devoted to celebrations marking the **90th anniversary of the university's founding**, echoing the official motto: "Masaryk University, a young lady for ever". The celebrations included six principal and an

shopping centre, caters to both students and academic workers residing at the new campus as well as to the general public. The university likewise continued to develop in terms of exhibiting a liking for the arts, unveiling two sculptures at the new university campus: "Balance" by Jozef



additional forty accompanying events, the latter organized by individual faculties, units and student bodies. A special anniversary website – [www.90.muni.cz](http://www.90.muni.cz) – was set up as part of the overall promotional scheme; originally conceived as a form of promoting events, it now continues to serve as an archive. *Masaryk University: A Story of Education and Science in Central Europe*, a publication issued on the occasion of the anniversary, was launched by Masaryk University rectors emeritus.

The year 2009 was another step towards the successful completion of construction at the Bohunice University Campus: new spaces designed to serve the Faculty of Sports Studies were officially opened in the autumn. The Academic Restaurant, a new venue at the Campus Square

Jankovič and "Nest" by Dalibor Chatrný.

Furthermore, the Rector's Awards were presented at the Dies Academicus 2009 public assembly and a number of additional traditional events for MU students, employees and friends of the university were held throughout the year. Finally, a new University Wine for the 2009/2010 academic year was introduced as well.

The *muni.cz* **magazine**, issued by Masaryk University for the fifth consecutive year, is now also published online. The Technology Transfer Office has used the print version of the *muni.cz* magazine to distribute its biannual INTERFACE newsletter.

Activities focusing on prospective Masaryk University students applying for studies in Czech degree programmes have undergone a significant expansion with presentations held at educational trade fairs in Brno, Prague, Bratislava and Ostrava and MU students making informative calls at both Czech and Slovak secondary schools. A promotional DVD was screened at such events; furthermore, prospective students received a magazine specifically designed with potential applicants in mind – MUNI EXTRA – complete with a list of all available fields of study. An MU TV spot was screened on board Student Agency buses in December and on TV Óčko in January. Furthermore, university posters were placed in several hundred Czech and Slovak secondary schools. The university likewise organized open days at individual faculties as well as a range of other events and activities. In terms of communication, the university made good use of advertising on internet portals focusing on



prospective students. A new section of the MU website – [www.muni.cz/admission](http://www.muni.cz/admission) – comprising services intended specifically for study applicants was launched on 1 November. The portal provides information relevant to fields of study at individual faculties and information regarding the admission procedure as well as a number of essential dates and contacts.



Nearly 2,000 former Masaryk University students took part in the first university-wide **alumni reunion** in May. Graduates visited faculty buildings and toured the new university campus; a special event designed specifically for alumni subsequently took place at the Brno trade fair grounds. A total of 4,515 individuals volunteered their contact information in preparation for the event; members of the alumni network subsequently received three instalments of an electronic newsletter and the first print issue of *The Graduate*. A website set up for the purpose of facilitating communication between alumni – [www.absolventi.muni.cz](http://www.absolventi.muni.cz) – also provides information services and serves as a place to send messages and voice opinions. The MU Alumni and Friends Association reached a membership of 2,274 in its fourth year.

### Providing Access to and Promoting Science and Research Results

Throughout 2009 Masaryk University continued to organize a number of traditional and popular events focused on promoting science and research among the general public. Furthermore, promotional activities achieved a high degree of integration – at least on the municipal level: in cooperation with Masaryk University and other institutions, the Statutory City of Brno successfully launched the so-called **Science Festival**. Originally conceived as a one-day event, the festival rapidly grew into a week-long undertaking. The festival first opened to students of the second level of primary school via the ŽIRAFA

contest, a competition designed to test their knowledge of the natural sciences. The event itself began on 19 September with **Researchers' Day**, a gathering of science enthusiasts of all ages in Svoboda Square. The week-long festival full of public lectures organized by MU scientists reached a peak on 25 September with **Researchers' Night** – an event designed to bring the pub-



lic in contact with researchers, enable them to visit laboratories and provide them with direct contact with science. Over 160 employees and students from Masaryk University, the Nicolaus Copernicus Observatory and Planetarium in Brno and the Natural Scientists' Society succeeded in turning a night full of contests, games, experiments, lectures and performances into an unforgettable experience. The institutions also teamed up on 28 April in order to organize an additional annual undertaking: **Physics Circus 2009** – Landing on Venus, an experimental physics contest for secondary school and university teams. A record-breaking 28 teams from 16 Czech cities took part.

## Masaryk University Press and the Public in 2009:

- **Internal communication** – publication of *Masaryk University: A Story of Education and Science in Central Europe*; publication of the *Universitas* revue and the FSS-based student magazine *Halas*
- **Universities and other institutions** – cooperation with the Brno Centre of European Studies on preparing *In Search of Harmony*; finalizing the *Genetics* textbook project in collaboration with a team of translators from Brno universities and the ASCR
- **Public Administration** – publication of the “Annual Report on the Activities of the Public Defender of Rights”
- **International collaboration** – preparation of the 8th volume of the European Issues series for the Compostela Group of Universities; active participation in a committee preparing a Europe-wide University Press Association

## The Mendel Lectures 2009 Cycle:

- **Professor Jonas Frisé**n (Karolinska Institute, Stockholm, Sweden) – *New Neurons in Old Brains*
- **Dr. Venki Ramakrishnan** (MRC Laboratory of Molecular Biology, Cambridge, UK) – *What Structures of the Ribosome Have Revealed about its Central Role in Translating Genetic Information*
- **Professor Frances Ashcroft** (University of Oxford, UK) – *Neonatal Diabetes: From Ion Channel to Disease*
- **Professor Walter Keller** (University of Basel, Switzerland) – *3'end Processing of Messenger RNA Precursors and RNA Quality Control*
- **Professor Jacques Samarut** (Institut de Génomique Fonctionnelle, Ecole Normale Supérieure de Lyon) – *From Molecular Endocrinology to Oncogenesis: The Model of Signaling through Thyroid Hormone Receptors*
- **Dr. Meinrad Busslinger** (Research Institute of Molecular Pathology IMP, Vienna, Austria) – *Lineage Commitment and Developmental Plasticity of Lymphocytes*
- **Dr Jason Chin** (EMBO Young Investigator Lecture, The Medical Research Council Laboratory of Molecular Biology, Cambridge, UK) – *New Genetic Codes*
- **Professor Jim E. Haber** (Brandeis University, Waltham, USA) – *Multiple Mechanisms to Repair a Broken Chromosome*



## University Press

A number of anniversary publications were announced in connection with the 90th anniversary of the university's founding. *Genetics*, a new textbook published by Masaryk University Press, was especially well-received. A total of 339 textbooks and scientific publications and 38 journals were issued in 2009, all of them utilizing the unified **muni**press label for the first time. Masaryk University Press organized six exhibitions presenting scientific and research-related results both in the Czech Republic and abroad.

## Mendel Museum

The Mendel Museum has grown into a place where the public meets academia. MU students



helped author some of the exhibitions, many of which were connected to the 90th anniversary of Masaryk University's founding. The opening of a new permanent exhibition devoted to the heritage of G. J. Mendel formed the focal point of the museum's activities in 2009; moreover, goals set out in 2008 were thus accomplished.

In many ways, the Mendel Museum is a pioneer among university museums. Thanks to registering the MU collection in the Central Registry of Museum-type Collections, it has become the first university museum to rank among museums funded by other establishments. The museum is also developing a methodology for the implementation of an act governing the protection of museum-type collections in a university environment. Exhibitions respecting the multiplicity of themes and topics at MU likewise add to its unique position.

2009 was a very successful year for the museum: apart from opening a new permanent exhibition, the museum also joined the worldwide University Museums and Collections (UMAC) as well as the European association Universum. The museum organized a total of seven exhibitions, co-organized the Mendel Lectures cycle and prepared a series of Medical Genetics lectures.



## 4.2. INSTITUTIONAL PARTNERSHIPS

### Cooperation with Universities and Research Institutions

The **Central European Institute of Technology – CEITEC** project has been finalized and a complete project application submitted for assessment to the Ministry of Education, Youth and Sports by the end of 2009. Three Brno universities, two institutes of the Academy of Sciences and one ministerial research institute have joined forces with Masaryk University in a bid to create a state-of-the-art scientific centre focusing on the life sciences and advanced materials and technologies with the objective of taking Czech science to a world-class level. The collaborative effort of research workers and scientists from all of the

Construction is scheduled to begin in the first half of 2011 with principal laboratories located at the University Campus at Bohunice and at the Brno University of Technology campus at Pod Palackého vrchem. Located in the immediate proximity of the Faculty Hospital Bohunice and the Institute of Biotechnology, the laboratories in Bohunice are set to specialize in the natural sciences and medicine while the Brno University of Technology complex, located in the vicinity of the Czech Technology Park, will house a centre for the material sciences and advanced technologies. Both parts will comprise interdisciplinary research units with a university-wide sphere of activity.



participating institutions in the field of natural and technical sciences has led to the development of a project designed to finance equipment and technologies as well as allowing for the construction of new laboratories meeting the most stringent of criteria. Funding will be secured from structural funds, i.e. the Research and Development for Innovation Operational Programme and the first priority axis – European Centres of Excellence.

The goal of the CEITEC project is to draw cutting-edge science to Brno, bringing in international experts and potentially motivating excellent Czech scientists to take part in scientific projects at one of the institutions involved.

As well as facilitating research, CEITEC will also function as a postgraduate and postdoctoral educational centre focusing on nanotechnology, microtechnology, structural biology, genomics and proteomics – with the outlook of leading into advanced materials and biomedicine. Modern equipment and technologies will facilitate the study of a range of animate and inanimate natural objects at all currently known levels of complexity, i.e. from atoms to molecules, molecule groups and cells to whole organisms.

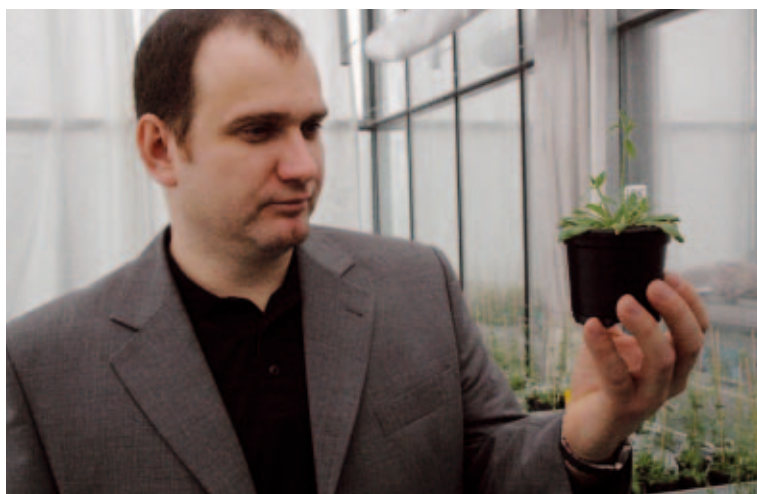
### Cooperation with Secondary Schools

Long-term cooperation between the university and Czech and Slovak secondary schools continued within the framework of the **Partnership in Education** project. Five new schools joined, raising the overall number to 69. The project comprises providing partner secondary schools with information about developments at MU, presenting study opportunities and organizing courses led by MU lecturers, seminars for pedagogical advisors, various events for talented students and even a special open day. Furthermore, a conference organized and attended by MU and secondary school management teams was held in 2009, focusing on current topics such as study transparency and the war on plagiarism.



#### 4.3. KNOWLEDGE AND RESEARCH RESULTS TRANSFER

The MU **Technology Transfer Office (TTO)** is an independent constituent part of the university responsible for the implementation of research and development results outside Masaryk University. Its responsibilities include protecting intellectual property, providing technology and



knowledge transfer, supporting academic commercial activities and preparing and administering contractually bound partnerships including overlaps into teaching and marketing activities.

In 2009, the TTO team concentrated specifically on the following areas: plasma physics, biomedical technology, industrial enzyme application, environment, exploitation of technology in genomics and proteomics and information technology. The TTO drew largely on funds provided by the CoReTech project (Cross-border Co-operation in Research and Technology Transfer Support Services) and project POST-BIOMIN (Seventh Framework Programme). Detailed comparative analyses intended to serve as the basis for technology transfer strategies at MU were prepared within the framework of

these projects and in cooperation with international partners.

A total of six new **patent applications** were filed in 2009 (four by the Faculty of Science, one by the Faculty of Medicine and one by the Institute of Computer Science) and three – two Czech and one international – were successfully granted.

Throughout the year, the TTO maintained its direct **business support initiative** in search of commercial partners for developing applications based on MU intellectual property. A general agreement on long-term collaboration on rich media technology development was made with Accordent, a US corporation currently covering a significant portion of the world market (Faculty of Informatics). Additional supported areas include facilitating low-cost plasma technology sales as developed by the TONAK Company, providing licensing for the Generi Biotech Company, providing research and development services within the South Moravian Region voucher pilot project and developing a broader support scheme for projects co-organized with commercial partners (e.g. the TIP project scheme). Moreover, the TTO also actively contributes to the Regional Innovation Strategy III for the South Moravian Region.

The TTO has also presented Masaryk University research and development results at the International Engineering Fair in Brno, focusing specifically on the potential of key CEITEC units.

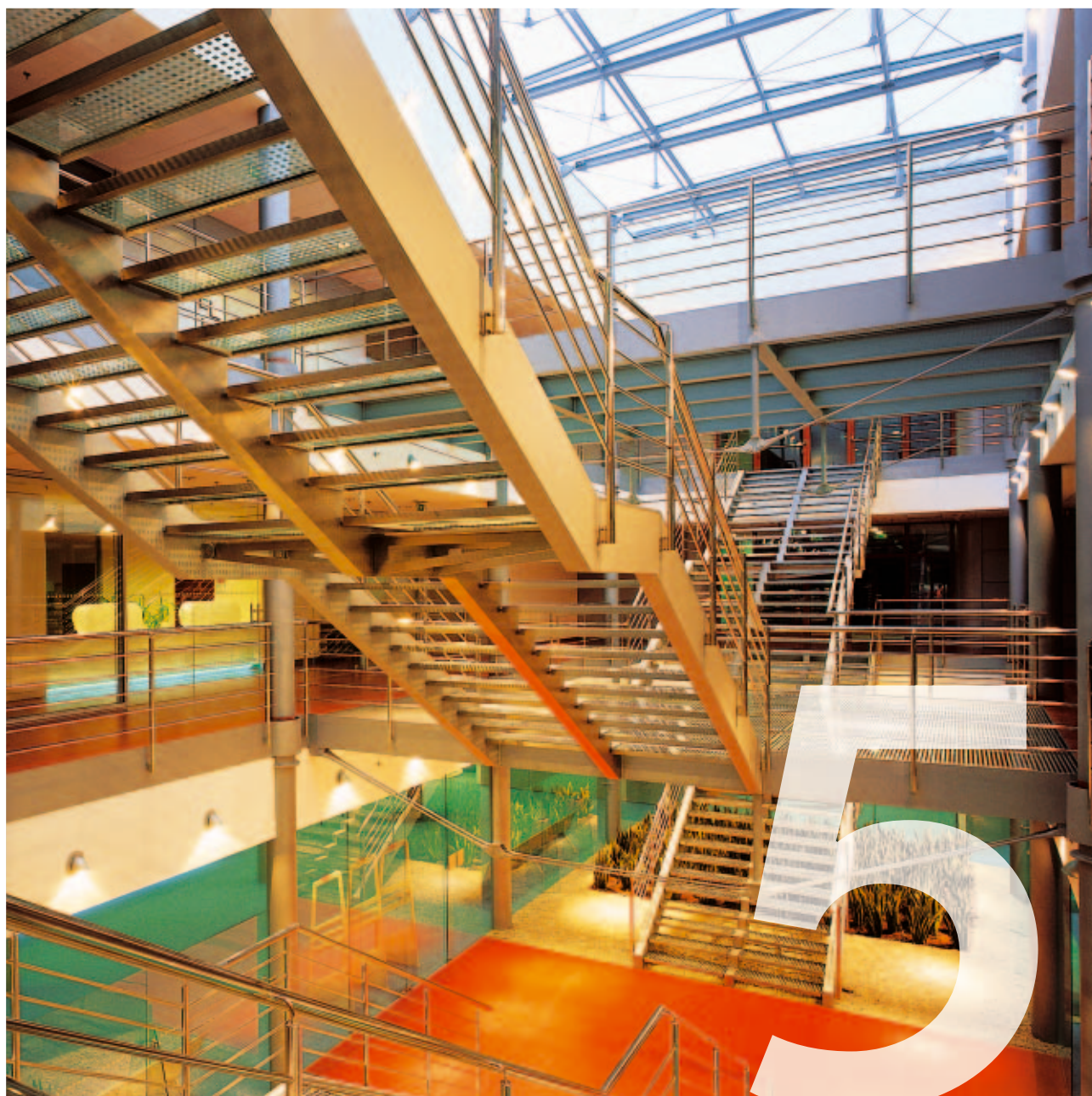
Further information is available online at [www.ctt.muni.cz](http://www.ctt.muni.cz), the TTO information portal, and in the biannual **INTERFACE MU** newsletter.

The TTO is likewise involved in educational activities, organizing e.g. the accredited Research and Development in Practice course which is geared towards academic creativity, project preparation and management and intellectual property utilization.





# Development Activities and Support Processes



## 5.1. INFRASTRUCTURE MANAGEMENT

In accordance with the 2006–2010 MU Strategic Plan, development of Masaryk University infrastructure has been implemented primarily within the framework of Programme 233 330, **Development of the Material and Technical Base of Masaryk University**, as approved by Resolution of the Government of the Czech Republic No. 203, 27 February 2002 and its subsequent updates – government resolutions No. 986, 20 July 2005, No. 916, 23 July 2008 and No. 1306, 19 October 2009.

The programme has an approved budget of 6.457 billion CZK. In 2009 the total cost of implementing Programme 233 330 amounted to 1,206.664 million CZK. A sum of 1,183.791 million CZK came from the state budget, while Masaryk University contributed a total of 22.873 million CZK.

As of December 31, 2009, programme expenditures had reached a sum total of 5,866.490 million CZK: 4,850.991 million CZK from the national budget, 718.628 million CZK from MU resources and 296.871 million CZK from the Statutory City of Brno. A loan of 95 million EUR



from the European Investment Bank, ensuring coverage of the financial means made available from the national budget of the Czech Republic, will be repaid in the 2011–2030 period with Masaryk University contributing a total of 1.375 billion CZK.

In addition to Programme 233 330, Masaryk University also launched a large-scale reconstruction of a former Jesuit complex currently housing the University Centre Telč. The project is financed in part by the European Economic Area (EEA)/Norwegian Financial Mechanisms and – with support amounting to roughly 120 million CZK (i.e. 4,922,278 EUR) – currently represents their most extensive investment project in the Czech Republic; the overall project budget amounts to over 160 million CZK.

### The Masaryk University Campus at Bohunice

Construction of the Bohunice University Campus continued with the renovation of the so-called Morphology Centre, i.e. buildings acquired by Masaryk University in the late 1990s in the immediate vicinity of the Faculty Hospital Bohunice, and the construction of new sections of the university complex designated for the educational and research activities of the Faculty of Medicine, the biology and chemistry-related fields of study at the Faculty of Science and the Faculty of Sports Studies. Upon completion of the UCB, Masaryk University will gain approximately 39,100 m<sup>2</sup> of new floor space: 17,700 m<sup>2</sup> worth of lecture rooms and educational facilities, 11,200 m<sup>2</sup> of laboratories and research facilities, 3,900 m<sup>2</sup> of academic employee offices and 1,800 m<sup>2</sup> of administrative offices. The UCB is designed to accommodate approximately 4,000 to 5,000 students and 700 to 1,000 academic and administrative staff.

Phase D of the Yellow Stage, i.e. the Faculty of Sports Studies building and two sports halls, was finalized in 2009 while construction continued on phase E of the Green Stage – three Faculty of Medicine buildings and assembly hall – and phase F of the Green Stage – three Faculty of Science buildings and an educational centre. In 2009 the total construction costs amounted to 1,206.664 million CZK. Phases E and F are scheduled to finish in the winter and spring of 2010.

### Completion of Construction at the University Campus Bohunice

In view of the governmental decision to reduce the material scope of Programme 233 330, Masaryk University is currently attempting to formulate a strategy securing alternative funding sources allowing for the completion of UCB construction in its original extent. In connection to this situation, Masaryk University has proposed that in order to finish UCB construction, the financial means might be obtained from the **Research and Development for Innovation Operational Programme**. An application soliciting operational programme funding for the CETOCOEN project was submitted in 2009 and should provide the necessary financial support for completing one building while a second application, securing funding for the CESEB project and a further four buildings housing the biological units of the Faculty of Science, will be submitted in 2010. The projects are scheduled for approval in 2010. Construction of units designed to house the scientific and research facilities of the Central European Institute of Technology will also contribute to the overall development; the CEITEC project was submitted for approval in 2009 with authorization expected in 2010.



## 5.2. INVESTMENT IN HUMAN RESOURCES AND EMPLOYEE SUPPORT

### Personnel Management

Masaryk University employee numbers continued to rise throughout 2009. Academic employees accounted for 2,218 of the overall number of 4,573 MU employees, i.e. an increase of 130 in comparison with the preceding year. The



**need for personnel participating in operational programmes and long-term research plan projects** forms the primary motive for recruiting more employees. The number of international employees is likewise on the rise: a total of 1,099 foreigners from 57 countries were involved in labour-law relationships with the university in 2009, most of them participating in educational and research activities. Furthermore, 930 students were provided with employment opportunities, thus acquiring work experience and expertise. Dealing with methodological and administrative aspects of the newly launched operational programme projects and issues related to project management support clearly stood out as the most demanding personnel management tasks. A number of methodological seminars were organized in order to deal with the situation and a system facilitating procedure standardization was introduced in order to reach a more professional project management model. An application registering the time devoted to work on a given project has been developed and integrated in the MU Information System, a good example of project support in the personnel project administration area. Electronic time cards have been set up in order to facilitate the automatic filing of hours worked and the subsequent data export to a timesheet. The application is designed to simplify the process of keeping records regarding hours spent working on a given project.

### Education

Masaryk University has launched work on a new **unified language education system** aimed at providing high-quality modern language education. This goal is to be accomplished within the framework of the internal education COMPACT



project – Competence in Language Education. Backed by the Czech Society for Human Resources Development, the project is scheduled to target a total of 8,540 MU students and employees.

In both education and training, great emphasis has been placed on the development of knowledge and skills in areas indicated by an educational requirements analysis. Educational activities designed for academic employees thus incorporated in the internal educational programme scheme include e.g. the following: activities relevant to project management, activities enhancing presentation and communication skills, etc. Pilot presentation skills courses originally conceived as support workshops for new academic employees with limited work experience generated a great deal of interest.

In 2009 a total of 31 Masaryk University employees took advantage of the opportunities offered by the Erasmus programme, participating in short-term international placements. Apart from the above mentioned new activities, a total of 38 internal educational seminars took place with 716 employees taking part.

### Motivation System

MU employees continued to receive benefits under the provisions of the motivation system throughout 2009, namely in the form of supplementary pension scheme contributions and meal vouchers. A total sum of 24 million CZK was distributed among 2,847 employees in supplementary pension scheme contributions, the

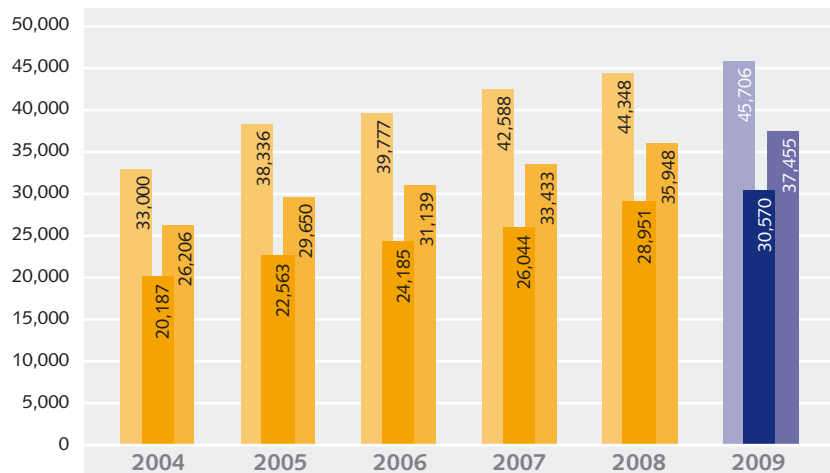




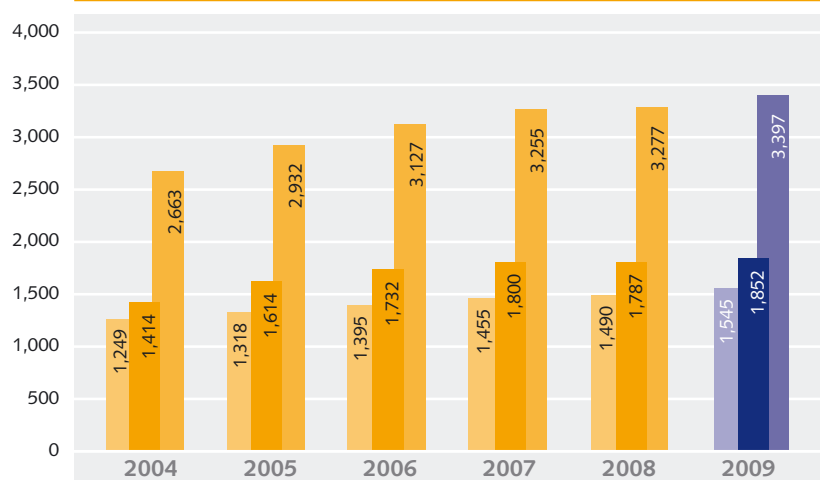
■ non-academic staff  
■ academic staff  
■ mean salary

Mean MU employee salary in 2009 amounted to 37,455 CZK; in comparison with the previous year academic and non-academic employee salaries increased by 3.06 % and 5.59 % respectively.

Graph 11 Mean salary (CZK)



Graph 12 Average full-time workload MU employee equivalent



■ non-academic staff  
■ academic staff  
■ total

A total of 4,573 employees were employed at MU in 2009: 2,218 academic and 2,355 non-academic workers. The full-time MU employee workload equivalent amounted to 3,396.6; i.e. an increase of 3.66 % in comparison with 2008.

average contribution sum per employee amounted to 728 CZK. MU also disbursed a total sum of 16 million CZK in meal vouchers. Furthermore, not only have MU employees been granted an extra week of paid leave per year (effective since 2008), they may also make use of flexible working hours.

The publication of the Masaryk University **Career Regulations** has enormously boosted employee interest in career growth; the Regulations treat the status and prospects of professional and academic advancement of employees with a university education as well as specifying general career growth conditions and motivational elements.

### Salaries

A **new wage regulation** was introduced at MU effective 1 January 2009; the regulation lists a reduced number of wage levels and corresponding job structure standardization. Changes in job categorization have led to a higher degree of generalization and transparency in assigning employees into wage levels as well as in motivation element application in career growth. Catalogue-



set job functions are monitored via the Executive Information System which facilitates the formulation of statistical personnel and wage data for the purpose of project planning and professional group wage development monitoring. A new performance bonus scheme is now in place with bonus amounts derived from results achieved by individual employees and income from operations generated by MU units. Academic workers and project managers may also gain systematically allocated functional bonuses.

### 5.3. ACCOUNTING AND FINANCIAL MANAGEMENT

#### Non-Capital Budget

Total MU **non-capital revenues** in 2009 amounted to 4,298 million CZK, an increase of 8.95 % in comparison with 2008. Expenditures in 2009 amounted to 4,227 million CZK; MU management registered an economic result of 71.222 million CZK after tax (i.e. 1.66 % of total MU revenue). The 6% increase in student numbers has resulted in a boost in non-capital revenue, reflected in particular in an inter-annual increase in teaching activities funded by the Ministry of Education, Youth and Sports (indicator A+B), up by 4.4 % over 2008.

In 2008 the **non-capital contributions and subsidies** from the Ministry of Education, Youth and Sports totalled 2,845 million CZK (an increase of 5 % over 2008). An additional sum of 229 million CZK was drawn from elsewhere in the national budget as well as from the budgets of local and regional government bodies (an increase of 43 % over 2008 figures) and a sum of 71 million CZK was gathered from abroad (down by 8.5 % compared to 2008). Thanks to the Education for Competitiveness operational programme, funding from other public sources increased from 8 million CZK to 62 million CZK (i.e. an inter-annual increase of 775 %). Public resources from the national budget and from abroad contributed a total of 3,202 million CZK (an increase of 8.62 % over 2008). Non-capital investment funding provided by the Ministry of Education, Youth and Sports in 2009 for instruction and specific research amounted to 1,898 million CZK, i.e. 44.17 % of total MU revenue. Non-capital subsidies for teaching activities (indicator A) comprised 1,766 million CZK (an increase of 4.04 %), an additional 132 million CZK targeted specific research (up by 8.6 % over 2008).

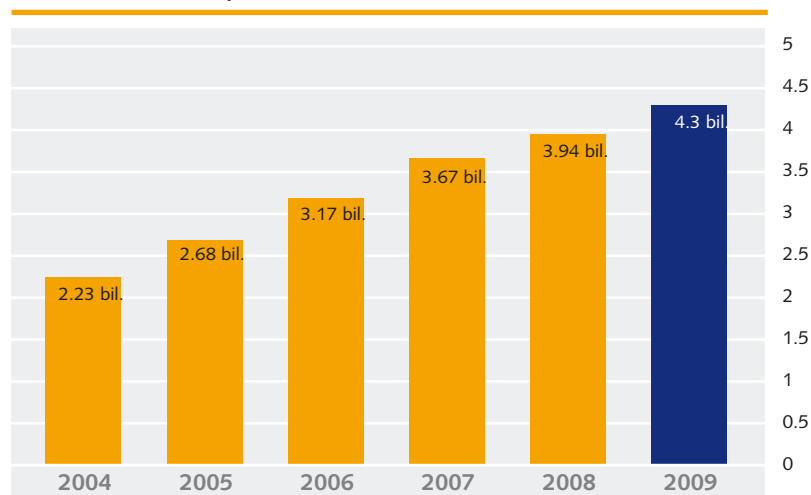
Non-capital student accommodation and catering subsidies amounted to 24.91 million CZK in 2009 (an interannual increase of 2.5 %), i.e. a full 12.62 % of the total Accommodation and Catering Services revenue.

Non-capital **research and development** funding (both normative and targeted) amounted to 878 million CZK (i.e. an interannual increase of 12.9 %): a total of 626 million CZK was provided by the Ministry of Education, Youth and Sports (interannual increase of 7.2 %), 222 million CZK came from the national budget as well as local and regional authority budgets (interannual increase of 44.4 %) while international research received an additional subsidy of 30 million CZK (interannual decrease of 24 %). Non-capital research and development funding amounted to 20 % of total Masaryk University revenue in 2009.

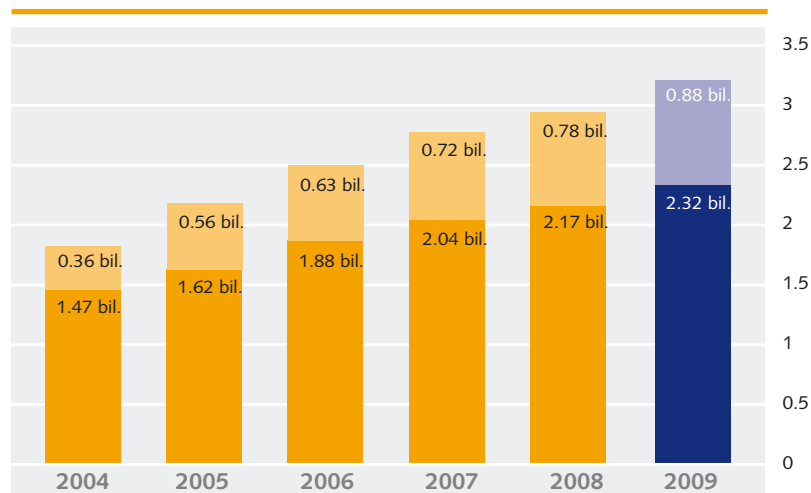
MU revenue from non-public sources amounted to 1,104 million CZK in 2009 (an increase of 10 % compared to 2008): 973 million CZK comprised revenue from principal university activity

(interannual increase of 11 %) and 131 million CZK from supplementary activities (interannual increase of 6 %). Self-generated income and income from supplementary activities amounted to 26 % of the total non-capital revenue.

Graph 13 Total non-capital revenue (bil. CZK)



Graph 14 Total non-capital funding (bil. CZK)



Total non-capital funding in 2009: 89 % was provided by the Ministry of Education, Youth and Sports, 7 % by other national budget sources and local and regional authorities, 4 % came from various international and other sources.

■ non-capital funding for teaching activities  
■ non-capital funding for science and research

#### Asset Management

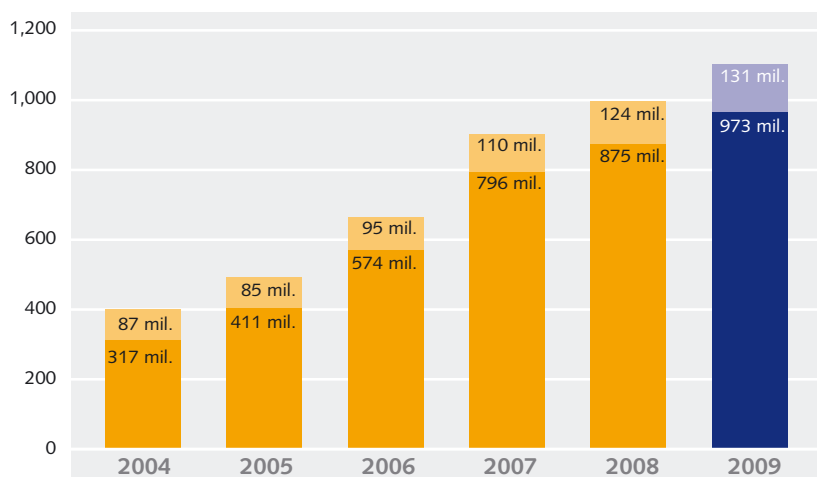
An inventory conducted by MU in 2009 shows total assets with a purchase value of 9,089 million CZK (i.e. an interannual increase of 8.8 %): 8,977 million CZK in long-term tangible assets (up 9 %) and 112 million CZK in long-term intangible assets (up 4 %).

Total depreciation of assets amounted to 2,650 million CZK. The total degree of depreciation stands at 29 %.



■ self-generated  
income in revenue  
■ supplementary  
activities

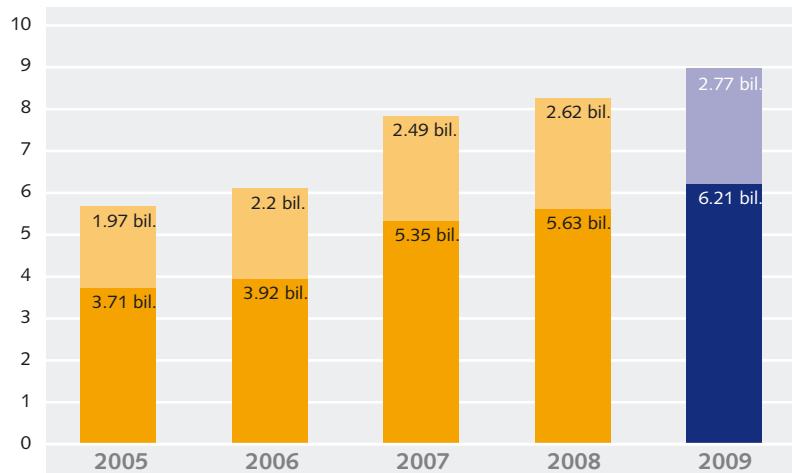
Graph 15 MU self-generated income and income from supplementary activity (mil. CZK)



■ intangible assets  
■ tangible assets

In 2009 MU administered a total amount of 8,976.632 million CZK in overall assets.

Graph 16 Intangible and tangible assets in purchase value (bil. CZK)



## 5.4. FINANCIAL CONTROL DATA

### Establishment, Maintenance and Effectiveness of the Internal Control System

In accordance with MU Statutes and Organization Regulations, an internal control system has been established at Masaryk University. Its basic component comprises a **financial control system** implemented at MU under the provision of Act No. 320/2001 Coll., on Financial Control in Public Administration, as amended, and Decree No. 416/2004 Coll. implementing said Act, supplemented by an **internal audit**.

The internal review system is tasked with registering positive qualitative development, comprising maximum financial control transparency by means of introducing progressive electronic workflow documentation including records retention. The administrative processes associated with financial control are thereby likewise optimized.

The **electronization of accounting document circulation** continued throughout 2009, expanding electronic financial control of orders to cover financial control of commitments; new applications were also developed, adding e.g. an electronic travel orders audit system and developing the records service project. Electronization of the financial control system is scheduled to continue throughout 2010.

The **internal audit** functions in compliance with the above mentioned Act, internal MU Internal Audit Statutes directive, and international auditing standards. Apart from auditing activities focusing on financial management, financial risk management, and internal systems and processes evaluation, continuous monitoring as well as regular evaluation of the internal control system and management control at MU are also being carried out. The 2009 internal audit focused on system process audits in combination with financial and compliance audits, with the objective of assessing risk associated with audited areas.

Based on findings established in internal audits, management checks and external audits, it is possible to state that the key financial control requirements, i.e. conclusiveness and the two-man/four-eye principle implemented in preparation for and during the execution of each financial operation are being observed, thus keeping risk at an acceptable level. Conducted financial controls and audits found no serious shortcomings regarding matters connected to Sections 22 and 31 of Act No. 320/2001 Coll. on Financial Control in Public Administration.

### Information about Suspicion of Possible Corruption and Proven Corruption Cases

Corruption was neither detected nor proved at Masaryk University.



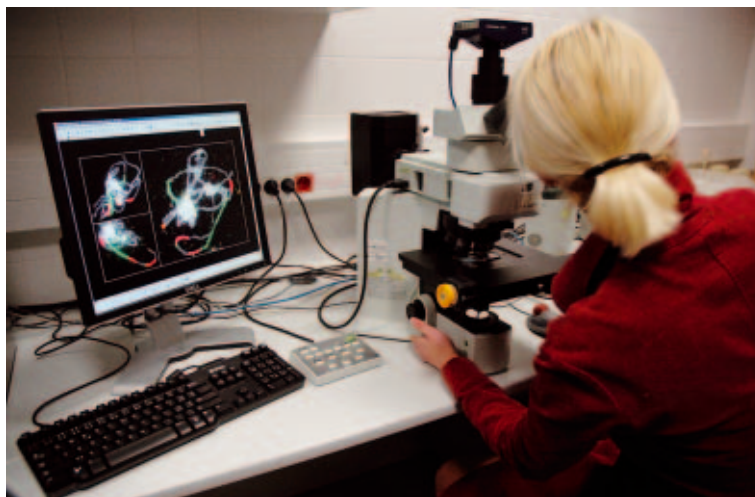
## 5.5. MU DEVELOPMENT PROJECTS

In 2009 Masaryk University was presented with a great opportunity in the form of **integration into EU Structural Funds**. With 57 approved projects – including six projects scheduled to begin in 2010 – amounting to a total of 615 million CZK, Masaryk University became the most successful applicant for funding under the Education for Competitiveness Operational Programme. An additional 59 projects amounting to 676 million CZK were prepared and submitted; 58 of these were approved in the first round of evaluation with expert assessment results forthcoming.

Projects falling under the **Research and Development for Innovation Operational Programme** were being prepared throughout 2009. Project CETOCOEN, submitted under the first call for proposals, was approved and will secure 543 million CZK in subsidies (cf. chapter 3.1 Unique Units and Facilities). An additional four projects were submitted under the second call, seeking a combined sum of 1.7 billion CZK in investment means for regional research centres – Underground Energy Resources and Waste Storage Re-

CEITEC project, currently seeking 6.53 billion CZK in subsidies.

Projects within the framework of the **Development Programmes of the Ministry of Education, Youth and Sports** followed from the 2009 update to the *MU Strategic Plan*. Masaryk University par-



search Centre, Regional Scientific-Research Centre for Low-cost Plasma and Nanotechnological Surface Treatment, the Babak Research Institute and project CERIT – an extensive information technology project.

The most difficult tasks were, however, associated with the preparatory stages of the extensive Central European Institute of Technology

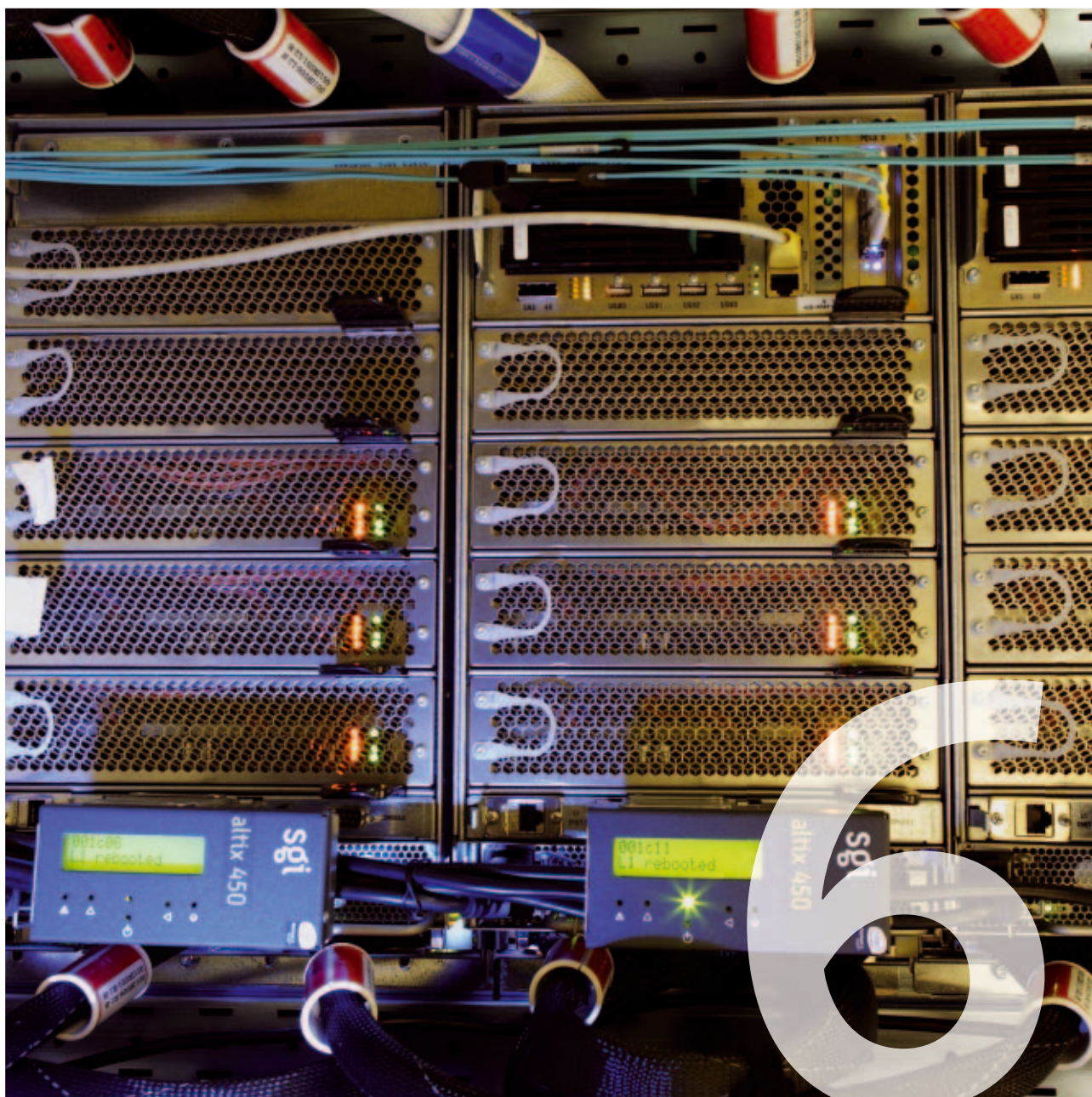
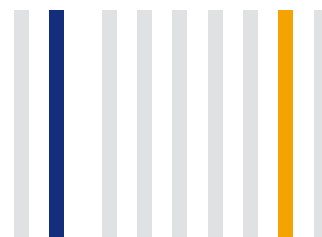
ticipated in 22 projects and was allocated a total of 130 million CZK in funding: 32 million CZK in investment assets and 98 million CZK in non-investment assets. Securing a total of 38 million CZK for 9 projects, MU became the second most successful applicant in the Czech Republic with respect to acquiring state subsidies financing centralized development projects.

The majority of development project funding – i.e. a total of 50.6 million CZK – was invested in the Programme for equipment and modern technologies development. An amount of 23 million CZK targeted the Programme for removal of weaknesses of a university and a further 22.5 million CZK was invested in the Programme to promote bilateral university student and employee mobility. The Instrumentation for Courses in the Stomatology Degree Programme project, receiving 10.675 million CZK in subsidies, comprised the most extensive centralized project integrating universities outside of MU.

Development projects are coordinated by the Project Support Office at the MU Rector's Office.



# Information Infrastructure







## 6.1. MU LIBRARIES

In 2009 the Faculty of Sports Studies Library was integrated into the Masaryk University Campus Library, a modern information centre administering university units located at the University Campus at Bohunice (FMed, FSpS and parts of FSci). A second project, designed to modernize the existing FEA Centre of Scientific Information facilities, is scheduled for implementation under the Research and Development for Innovation Operational Programme. All changes are geared towards providing better library services facilitating research and development as well as providing enhanced study support services. The Masaryk University library network consists of central faculty libraries, the Support Centre for Students with



Special Needs Library and 116 departmental and specialized libraries spread around the individual faculties. The MU Library Information Centre at the Institute of Computer Science is responsible for coordinating the library network and technological infrastructure on a university-wide level.

Library initiatives associated with the **retrospective cataloguing of library collections** have been supported by two VISK projects (FMed and FSci). Nearly a million of the total 1.7 million library units have been thus far registered in Aleph, the university library system – <http://aleph.muni.cz>. In 2009 the library database listed 68,000 users and recorded a total of 680,000 loans. Images of publication

covers and content pages have been added to the electronic catalogue in order to provide users with more convenient services; a common system for presenting such information is being developed at MU and currently used by libraries throughout the Czech Republic. The MU author database has been connected with corresponding databases at the National Library of the Czech Republic while the process of transferring MU bibliographic records into databases at the Union Catalogue of the Czech Republic likewise continues, with MU now ranking as one of the most prominent contributors.

Securing future universal access to **electronic information resources** has been a key MU priority throughout 2009. Electronic information resources are becoming increasingly valuable as sources of information facilitating research and development as well as for instruction purposes. Due to the repeated postponement of the Ministry of Education, Youth and Sports-organized INFOZ project (Information Resources for Research), the ministry disbursed a special subsidy ensuring uninterrupted access to key resources. Following the announcement of the INFOZ programme, libraries took part in integrating MU into virtually all common projects supporting the purchase of essential electronic information resources for the 2010 to 2011 period (in some cases extending subscription until the end of the 2012 calendar year). Several tools and new technologies facilitating effective access to electronic information resources were implemented: the Electronic Information Resources Portal, the Electronic Journals Portal, a meta-search engine providing access across all or selected field-specific electronic information resources at MU and SFX, a tool automatically linking citation and bibliographic sources and full-text resources found in databases and e-journals available at MU. The technology providing authorized MU users with remote access to electronic information resources from computers outside of the university network was likewise improved. Furthermore, an interactive electronic information resources guide designed to help new users has been developed by the FMed and FSci libraries. Information about all electronic information resources available at MU is to be found at the relevant portal: <http://library.muni.cz/ezdroje/>.

## 6.2. MU ARCHIVES

Housing over 1,683 metres of materials in 201 collections, the MU Archives comprise the second largest university archives in the Czech Republic. A total of 87 researchers visited the archives in 2009, the overall number of research visits exceeded 300.

The Masaryk University anniversary celebrations significantly altered **archive operation**. Archive employees took part in preparing three

separate exhibitions – an exhibition in the Janáček Theatre opening the celebrations, historical exhibitions held in MU Archives exhibition spaces at the Faculty of Medicine and the “Masaryk University – Through the Times” exhibition at the National Museum. The archives also loaned out archival documents to be included in a number of other exhibitions. Throughout the year, archive employees were busy retrieving, processing and providing

retrospective information, textual data and image and photographic documentation as required by the press, radio and television. Archive activities in the second half of the year turned to dealing with issues associated with the issuing of Government Decree No. 122/2009 Coll. on the compensation

of students excluded from university studies for political reasons. The archive is also involved in two grant projects, currently functioning as co-principal investigator (Czech Science Foundation, Grant Agency of the ASCR).

### 6.3. INFORMATION AND COMMUNICATION TECHNOLOGY

Masaryk University has long been a leading institution in the field of information, communication and computing infrastructure. The **MU Institute of Computer Science** is tasked with providing a range of services as well as developing new ones. The institute is responsible for running and developing all significant areas including the university computer network, centralized computer systems, supercomputers, high-capacity data storage, complex economics and administration and executive information systems, a common computer room administration system and voice network services provided via an extensive fibre optic network. A wide array of additional services and world-class specialized application areas are also plugged into the ICT infrastructure. Examples of such services include an environment facilitating complex scientific calculations, a metropolitan system for medical image information processing used in clinical practice as well as in instruction and a computerized building management system utilized at the University Campus at Bohunice.

Virtualized computing systems based on compact single board servers were introduced in 2009, in effect broadening the range of offered computer services. The conversion of the MU backbone network to new IPv6 protocol-ready technologies with a 10 Gbit/s capacity was likewise finalized. Wireless networks underwent a significant expansion as well: there are currently over 300 ICS-administered access points spread around the university. As usual, computer safety was treated as a matter of great concern, leading to the appointment of the CSIRT-MU (Computer Security

Incident Response Team at Masaryk University). The CERIT Scientific Cloud project, co-organized by the Institute of Computer Science and the Faculty of Informatics, was prepared and submitted for approval under the Research and Development for Innovation Operational Programme. Project objectives include an expansion of current

#### Information System 2009 Statistics:

- Number of users: 56,263
- Number of visits: 460,913,938
- Number of e-applications: 68,502
- Maximum number of users per day: 33,096
- Maximum number of pages in the system opened in one day: 2,879,879
- Maximum server performance: 854,016 requests processed per hour
- Total number of individual programmes in the system: approximately 2,600
- Total number of publication entries: 596,035 (103,953 listed in the Information Register of R&D Results)
- Help section: 2,026 questions in 86 sections
- As of 31 December 2009, the IS MU data pool held ca. 20 million files amounting to a total of 3.4 TB.

ICS and FI capacities and the establishment of a state-of-the-art technological centre linking super-computer, computing and storage capacity and service infrastructures with their respective areas of immediate application, directly facilitating university as well as industrial research and development advancement in informatics and communication technology.

### 6.4. MU INFORMATION SYSTEM

The Faculty of Informatics-based ICS is responsible for all study-related administrative procedures at the university; the MU Information System may be accessed at <http://is.muni.cz/>. The system comprises a wide array of administrative and communication services, electronic study support, science and development services, alumni services and an online shopping centre. In 2009 crucial developments took place in the following areas: study administration, information and communication resources innovation, e-learning support and university and inter-university project support.

#### Study Administration Support

Developments centred on new opportunities concerning the course catalogue, course registration, course opinion poll and mass e-mail correspondence in course-related matters. A new version of an application for calculating study-related fees was launched and further steps taken towards creating an electronic application facilitating the process of recognizing courses passed at different faculties and/or universities. Events, a new application providing convenient access to matters associated with the IS MU, has also been introduced. RSS technology now allows for a more structured overview of the Noticeboard, Discussion



Groups and Blogs applications. The overhauled E-mail application now offers a multitude of settings, labels and sorting as well as allowing users to send larger attachments. The search functions have been refined as well, enabling users to search the People application using any combination of name and/or surname as well as offering more precise and rapid plagiarism detection. The interuniversity thesis plagiarism detection project – <http://theses.cz/> – was supplemented with a second instalment – <http://odevzdej.cz/> – the latter focusing on plagiarism detection in essays and seminar papers.

### Science and Research

In order to facilitate science and research, the Publications application was updated to include a more structured homepage, advanced search, labels for setting up publication lists and their categorization, citation records listing and a system for reporting duplicate records. A semi-automatic loading system drawing on citation databases is used to add new publications; the system also facilitates publication evaluation.

### E-learning

A total of 36 new educational works have been published on the Elportal – the MU e-learning portal, <http://elportal.cz/>, 10 of which have already passed the review procedure. Teachers at MU were presented with the opportunity to work on developing e-learning with e-technicians providing IS MU e-learning support as well as with the employees of a service centre tasked with developing multimedia for educational purposes. More departments than ever before are now utilizing electronic examination methods in credit tests, examinations, state examinations, entrance examinations and diagnostic tests. The Drill application,



a tool designed for vocabulary learning, technical terminology memorization and similar purposes, has likewise been vastly improved. A total of 135 vocabulary exercise “textbooks” – available to all IS MU users – were compiled by 524 individual users.

### MU Shopping Centre

Services provided by the Shopping Centre have been extended to include MU alumni, enabling them to register for events as well as make use of discounts and educational opportunities. Over 3,500 alumni have already registered in the IS MU. In 2009 the centre – found at <http://is.muni.cz/obchod/> – listed a turnover of 68.8 million CZK; the range of services has expanded considerably, now facilitating international conference fee payment, donation mediation, payment scheduling, selected purchase order data exports, multiple electronic application payments, etc. More information about the system is to be found in a detailed annual report at [http://is.muni.cz/clanky/2009\\_vyrocka.pl](http://is.muni.cz/clanky/2009_vyrocka.pl).

## 6.5. PROVISION OF INFORMATION PURSUANT TO ACT NO. 106/1999 COLL. ON FREE ACCESS TO INFORMATION

Due to the characteristics of Masaryk University as a public higher education institution, the provision of information is one of its most important (and in some areas most frequent) functions.

The vast majority of information provided had been requested in person from MU employees in view of a given individual's responsibility for areas in which the information was requested; in accordance with Section 13 of the Act, such requests are not recorded.

Written requests are subject to regulations drawn up in accordance with paragraph 5 (1) b) of the Act. For more information see [http://www.muni.cz/general/information\\_providing/mu\\_regulations](http://www.muni.cz/general/information_providing/mu_regulations).

A total of 738 written requests concerning the provision of information were filed in 2009.

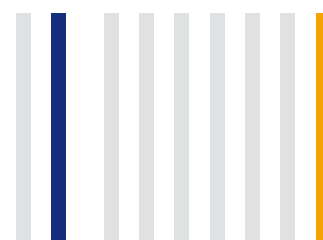
In 27 cases the requested information fell outside the scope of MU competence; this was subsequently communicated to the individuals placing the requests. A total of 630 requests concerned information already published by MU elsewhere; in such cases Internet addresses relevant to the information in question were provided.

In the remaining 81 cases, requested information was provided within the legal deadline.

No appeals against decisions rejecting a request for information provision were filed in 2009.

No court hearings concerning possible failure on the part of MU with respect to information provision pursuant to the Act took place in 2009. Neither MU nor any of its employees were subject to sanctions for violation of the Act.





## MU Faculties in 2009





## 7.1. FACULTY OF LAW

### Studies and Degree Programme Development

In 2009 the Faculty of Law launched the Senior Officer of Justice, a field of study in the combined Bachelor's degree programme providing specialized professional education suitable for future Ministry of Justice employees. Both the Master of Public Administration (MPA) doctoral degree programme for public administration employees and officials as well as the Master of Laws (LL.M.) programme specializing in commercial law – the latter implemented in collaboration with Nottingham Trent University in Great Britain – have been very successful.



The faculty also offers the university-wide European Economy, Administrative and Cultural Studies, an interfaculty Bachelor's field of study integrating selected fields of study in anticipation of the need for versatile experts with all-around knowledge necessary for Czech integration into the EU.

In spite of a slight decrease in applicant numbers, demand is still very high and greatly exceeds admittance target figures: a total of 7,322 applications were submitted and 1,118 applicants admitted. A total of 4,154 students were enrolled at the Faculty of Law in 2009.

### Science and Research

In 2009 the Faculty of Law managed to finalize the first stage of the European Context of the Development of Czech Law after 2004 long-term research plan; the project is scheduled to continue for another two years. Four new projects funded by the Czech Science Foundation were initiated: Customs Law in a Globalized Society, Municipal Tax Incomes, Critical Edition of the So-called Book of Rosenberg and Virtual Library of the Austrian Empire Legal Acts Collection

1849–1918, while work on the Torts from the Private International Law Perspective project continued. A new project financed by the International Visegrad Fund was launched: Visegrad Scholars: Principles of Good Governance.

The faculty was responsible for organizing or co-organizing a number of international conferences. The third year of the Days of Law conference proved to be a great success: over 400 academic workers, legal experts and students from the Czech Republic as well as from abroad attended; moreover, the Czech Minister of Justice herself was present at the opening ceremony. Doctoral students and young scientists presented the results of their academic work at the third annual Conference for Young Lawyers: COFOLA 2009.

Faculty experts continued to contribute to solving real legal problems by providing expertise throughout 2009, preparing applicable legislation proposals and even contributing to forming actual legislation and judicature.

### Faculty Development and Cooperation in the Region

The Faculty of Law and the South Moravian Regional Authority continued to cooperate in several areas in 2009: organizing student work placements, student competitions and scholarly conferences and seminars. The 11th year of SVOČ (student competition) took place as did the second year of IUS et SOCIETAS, a competition announced by the Faculty of Law and the Jan Hus Educational Foundation and organized in cooperation with significant Czech judicial institutions. The fifth year of an international workshop focusing on administrative law and public administration was prepared in collaboration with the Public Defender of Rights.

The success of the Extending and Innovating University Education in the Area Law and Technology project, implemented under the Education for Competitiveness Operational Programme, led to the creation of the Institute of Law and Technology. The faculty likewise participated in an important European project entitled NICLAS Summer School.

Faculty of Law students won an award for best speaker and managed to win second prize overall in the Regional ICRC Moot Court Competition, an international contest held in Sarajevo (Bosnia and Herzegovina).

## 7.2. FACULTY OF MEDICINE

### Studies and Degree Programme Development

For the first time ever, the number of entrance applications submitted at the Faculty of Medicine surpassed 6,000. Applicants submitted a total of 6,691 entrance applications with Stomatology being the most popular field of study: a mere 9% of all applicants were accepted. Physiotherapy was most popular among Bachelor's fields of study. A combined form of the Laboratory Assistant field of study was launched for the first time with 52 applicants taking advantage of the opportunity.

The faculty also obtained accreditation for a new field of study from the Ministry of Health, setting up the specialized Clinical Biochemistry for Laboratory Assistants programme.

A contract with the Sebnitz Hospital has enabled advanced General Medicine students to participate in a summer placement in Germany focusing on surgery, internal medicine and gynaecology.

English language studies at the faculty were advertised abroad. In January faculty representatives visited educational trade fairs in Norway, took part in a promotional event in Tel Aviv in Israel in March and advertised the faculty at events in Sweden and Norway in September.

A total of 62 students were admitted for studies in the General Medicine and Stomatology fields of study taught fully in English. In comparison with 2008, the number of students enrolled in English language programmes has decreased, most likely due to a new medical faculty recently opening in Portugal; however, it is quite likely that the economic recession may also have been a factor.

A total of 4,382 students were enrolled in regular studies at the faculty, 769 of them in Bachelor's degree programmes and 4,382 in Master's degree programmes. A further 836 students were enrolled in doctoral degree programmes.

### Science and Research

Research projects implemented at the pre-clinical institutes of the Faculty of Medicine are funded by the Czech Science Foundation and the Grant Agency of the ASCR. Academic workers have taken part in a number of pre-clinical and clinical projects financed by the Ministry of Health of the Czech Republic and implemented both at the faculty and at faculty hospitals. A number of departments and clinics of the Faculty of Medicine (Department of Biology, Department of Pediatric Oncology, etc) cooperate with institutes of the Academy of Sciences of the Czech Republic on the basis of independent projects.

The very fact that the various departments and clinics have been taking part in six long-term research projects as principal or co-principal

investigators and have established no less than five research centres should be sufficient proof of the great number of research experts to be found at the Faculty of Medicine. FMed units and clinics have also participated in preparing the CEITEC and ICRC projects. The creation of the Babak Research Institute is a significant step towards integrating research potential – the centre comprises the University Cell Immunotherapy Centre, University Research Centre – Czech Myeloma Group, Laboratory of Molecular Cytogenetics and Laboratory of Experimental Haematology and Cell Immunotherapy (Faculty Hospital Brno).

The Department of Biology of the Faculty of Medicine has been tasked with coordinating EU efforts in stem cell research and its application.

### Faculty Development and Cooperation in the Region

A contract concluded in April 2009 between the MU Faculty of Medicine and the Faculty of Dentistry of the Tokyo Medical and Dental University has resulted in a wide array of new opportunities in primary as well as clinical research, graduate and postgraduate studies and exchange programmes for FMed workers.

The faculty is cooperating with the South Moravian Centre for International Mobility in organizing the Summer School of Protein Engineering, a project designed for secondary school as well as university students interested in biology, biochemistry, bioinformatics, biomedicine and biotechnology.

The implementation of four projects under the Education for Competitiveness Operational Programme commenced in 2009, a further five project applications focusing on human potential development in research and innovation and on innovation in teaching were submitted for approval; project objectives are directed towards developing employability and improving teaching qualification. All projects are connected to the Integrated Urban Development Plan of the Statutory City of Brno for the 2007 to 2013 period and are designed to contribute to regional development.

The fifth annual study conference was held in March; a ceremonial session commemorating the 90th anniversary of the faculty's founding supplemented the regular programme: professors emeritus, faculty deans and hospital directors were presented with commemorative certificates.







### 7.3. FACULTY OF SCIENCE

#### Studies and Degree Programme Development

Over 150 Bachelor's, Master's and doctoral degree programmes were on offer in 2009, educating research and scientific workers as well as future secondary school teachers. Newly accredited fields of study include Logic (Mathematics Master's degree programme) while the brand new Genomics and Proteomics doctoral field of study (Biology doctoral degree programme) is awaiting accreditation.

All seven doctoral degree programmes and four Master's degree programmes have been accredited in English. The faculty is currently participating in interfaculty studies with the Faculty of Education, Faculty of Arts, Faculty of Informatics and Faculty of Sports Studies.

Demand is stable with applicant numbers varying according to fields of study: Biology, Geography and Biochemistry were among the most popular in 2009. A total of 4,996 applications were submitted and 1,983 applicants were subsequently enrolled. All told, 4,397 students were enrolled at the Faculty of Science in 2009.

#### Science and Research

In 2009 faculty departments took part in 11 long-term research plans (heading 8 as principal investigators and participating in a further 3 as co-principal investigators). Furthermore, 10 research



#### Major International Events and Conferences:

- Cartography and Geoinformatics for Early Warning and Emergency Management: Towards Better Solutions (19–22 January 2009)
- Atmosphere 2009 Conference – 9th Czech and Slovak Conference on Air Pollution and its Influences; organized by the RECETOX Centre (26–29 April 2009)
- Binaries – Key to Comprehension of the Universe, international conference (8–12 June 2009)
- International Conference on Differential Equations and their Applications (Equadiff 12) (20–24 July 2009)
- 10th International HCH and Pesticides Forum (7–9 September 2009)
- Science Festival (8–25 September 2009)
- Researchers' Night (25 September 2009)
- Discussion and book signing session with three astronauts: G. Ivanov (Bulgaria), V. Aksyonov (Russia) and M. Hermaszewski (Poland) (7 October 2009)
- Structure and Function of Antarctic Terrestrial Ecosystems electronic conference (22–23 October 2009).
- Czech Science Forum session attended by Prof. Václav Hořejší, Prof. Jan Zrzavý, Prof. Jiří Zlatuška and Dr. Jan Bunčák (3 December 2009).

centres – five with the faculty as principal and five as co-principal investigator – as well as over 80 research teams are currently based at the faculty.

A total of 40 international lecturers visited the faculty as part of the INNOLEC programme. The faculty supports promising young researchers, providing them with international work experience in notable international projects (e.g. EMBO).

The faculty also acquired a number of unique facilities: a mass spectrometer for HPLC and environmental sample analysis (RECETOX), motorized inverted microscope (Department of Botany and Zoology) and a UV/vis/fluorescence spectrophotometer (NCBR).

#### Faculty Development and Cooperation in the Region

A total of 11 project applications were submitted under the Education for Competitiveness Operational Programme and a further three prepared for inclusion in the Research and Development for Innovation Operational Programme: the Centre for the Study of Toxic Substances CETOCOEN, Regional Scientific-Research Centre for Low-cost Plasma and Nanotechnological Surface Treatment and Underground Energy Resources and Waste Storage Research Centre CEVPU.

The preparatory stages of project CESEB continued as well; the project is designed to provide a high-quality base and infrastructure for both teaching and educating future biology specialists. Faculty units also took part in finalizing project CEITEC preparations.

## 7.4. FACULTY OF ARTS

### Studies and Degree Programme Development

The Faculty of Arts successfully finalized several accreditation procedures in 2009. The following Bachelor's fields of study have been newly accredited: Prehistoric Archaeology of the Near East, Culture Studies of China and Polish and Russian with focus on Commercial Practice, Services and Travel. The Theory and Practice of Ancient Music field of study is now on offer as a full-time field of study while Ethnology is newly available as a combined field of study. Several international agreements have been concluded, launching a double-diploma form of Classical Philology – a joint Czech and Slovak Master's field of study – as well as a triple-diploma joint Polish, Slovak and Czech doctoral degree programme in Philosophy.

Nearly all doctoral fields of study have been accredited in the four-year version of the doctoral degree programme. A process which comprises restructuring and innovating study plans of individual fields of study is now underway.

The total number of students has surpassed the ten thousand mark and now stands at 10,272 thanks to an interannual increase of 6.83%. 14,354 applications were submitted and 4,747 students enrolled in their first year.

### Science and Research

Interdisciplinary research proceeds most notably within three long-term research plans: the Interdisciplinary Centre for Research into Prehistoric to High Medieval Social Structures, the Research Centre for Central-European History: Sources, Land, Culture, and the Centre for the Interdisciplinary Research of Ancient Languages and Older Stages of Modern Languages. The faculty is also involved in the REVACERN Religions and Values project (Sixth Framework Programme): Central and Eastern European Research Network. Two research centres listing the faculty as co-principal investigator are also based at the Faculty of Arts.

In 2009 the faculty oversaw a total of 24 standard, eight post-doctoral and one international project funded by the Czech Science Foundation, five projects financed by the Grant Agency of the ASCR, 15 projects backed by the Higher Education Development Fund and 2 CEEPUS projects. An additional 18 projects were financed by the

Dean's Grant Fund. A team based at the Department of Educational Sciences continued work on **Designing a Strategy for Operational Programmes**, a project commissioned by the Ministry of Education, Youth and Sports.



### Major International Events and Conferences:

- Croatian Film Festival (26–28 January 2009)
- Russian Poetry: Relations and Contexts workshop (10 February 2009)
- Czech in Formal Grammar conference (12–14 February 2009)
- Philological-Area Studies: Starting Points and Perspectives (8 April 2009)
- The Topical Problems of Russian Linguistic Studies conference (17 April 2009)
- Deconsecration of the 19th Century Working-Class Environment in Comparative Perspectives symposium (14–15 May 2009)
- Milan Kundera or What Good is Literature? conference (27–30 May 2009)
- SCO 2009 conference in cooperation with FEdu, FI and ICS (16–17 June 2009)
- Social Processes and Personality conference (16–18 September 2009)
- Sujet et subjectivité conference (25–28 September 2009)
- Current Trends in School Direction and School Management Training seminar (September 2009)
- Problems of Poetics (N. V. Gogol) symposium (14–16 October 2009)
- Conference commemorating the 50th anniversary of Prof. PhDr. Antonín Václavík's death
- Ideological Indo-European Studies conference (October 2009)
- Slavonic-Hungarian Relations and Contexts (The Problem of Central Europe) workshop (3 November 2009)
- Disagreement about Honour in the Middle Ages and the Early Modern Period symposium (12 November 2009)
- Literature for Children at the Beginning of the New Millennium (Context, Issues, Trends) conference (24–25 November 2009)
- Czech-Slovak Cultural Relations after 1989: Continuity and Change conference (9 December 2009)

### Faculty Development

A total of 41 projects were submitted under the Education for Competitiveness Operational Programme, nine have already been accepted and are eligible for funding. The CARLA project – seeking funding for a humanities support centre under the Research and Development for Innovation Operational Programme – is currently underway.

A number of local as well as international conferences took place. The 42nd year of the Summer School of Slavonic (Czech) Studies and the 3rd year of Science Week both generated a great deal of interest.





## 7.5. FACULTY OF EDUCATION

### Studies and Degree Programme Development

The Faculty of Education registered a sharp increase in student numbers enrolled in Master's degree programmes. The increase – by nearly 25 % – took place due to a large number of students finishing their Bachelor's studies later than scheduled. A total of 1,791 of the overall faculty student population (6,955) were enrolled in Master's degree programmes.

Fields of study combining English Language, Special Education and Social Education are among the most popular while science-related fields such as Physics and Chemistry were generally found towards the opposite end of the spectrum. The newly introduced Kindergarten Teacher Training Bachelor's degree programme drew an unusually high number of applicants.

The Special Education field of study (Special Education doctoral degree programme) and the Art field of study (Specialization in Pedagogy doctoral degree programme) are available in foreign languages: the former in English and German and the latter in German only. Double doctoral degree opportunities have been expanded to include collaboration with international universities.

The Faculty of Education traditionally co-organizes interfaculty studies in cooperation with the Faculty of Science, Faculty of Arts and Faculty of Sports Studies. Interfaculty programmes include Specialization in Pedagogy, a Bachelor's degree programme, and Teacher Training for Primary Schools and Teacher Training for Secondary Schools, both Master's degree programmes.

The faculty has supported student placements financed by both specific research grants and scholarship and bursary programmes. Slovak and Austrian students have taken advantage of the opportunities offered by the Faculty of Education.

### Science and Research

Research carried out at the faculty has been traditionally education-focused. Experts continued work on two long-term research plans: School and Health for the 21st Century and Special Needs of Pupils in Context with Framework Educational Programme for Primary Education. The Educational Research Centre continued to work with Charles University in Prague on the Research Centre on Schooling project and successfully finalized National Research Programme II, a project aimed at promoting technical disciplines at primary schools. Eight projects funded by the Czech Science Foundation were investigated; moreover, the faculty started participating in a project financed by the

Grant Agency of the ASCR and the Institute of Geonics ASCR.

Research-focused as well as educational cooperation with ASCR institutes continued to thrive; however, the faculty also works with e.g. the Refugee Facility Administration of the Ministry of Interior, the Museum of Romany Culture in Brno, Lipka – an environmental educational centre, Ecological Institute Veronica Brno, the Brno House of Arts, etc.

The CEEPUS programme facilitated collaboration with Bosnia and Herzegovina and Slovenia. The faculty continued to investigate a number of projects launched in previous years: one in the Leonardo da Vinci programme and two in Comenius. A project in the Grundtvig programme was successfully concluded in 2009.

### Faculty Development and Cooperation in the Region

Preliminary work on a project set to establish the Research Institutes and Doctoral Studies Centre with funding from the Research and Development for Innovation Operational Programme has begun with project objectives including the expansion of existing research infrastructure and the central library including ICT.

A three-story extension built in the courtyard of the Poříčí 7 building will house the Office for Studies as well as adding to existing classroom space.

The faculty organized an interdisciplinary postgraduate student conference, four videoconferences between Special Education students and students at Jyväskylä University in Finland, the 11th annual international artistic competition entitled Phenomenon: The Book and several concerts of the Masaryk University Choir.

A first class medal of the Ministry of Education, Youth and Sports was conferred on Prof. Rudolf Šrámek in recognition of his educational, conceptual and scientific activities in university education. Assoc. Prof. Petr Hala took first prize in the Hornforum 2009 composer contest and choirmaster Michal Vajda received honourable mention from the chairman of the Czech Choirs for his work with the Masaryk University Choir.

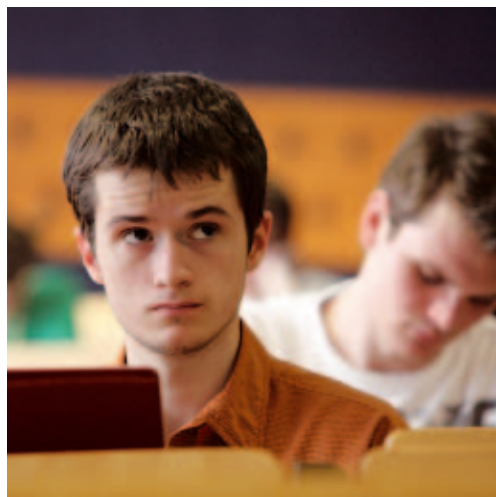




## 7.6. FACULTY OF ECONOMICS AND ADMINISTRATION

### Studies and Degree Programme Development

Demand for studies at the Faculty of Economics and Administration is on the rise: the faculty received 9,297 entrance applications in 2009, i.e. an



increase of 5% in comparison with previous years. A total of 2,169 new students were enrolled, raising the faculty student population to 4,764.

Administration Publique (Public Administration), a field of study in the Economic Policy and Administration Master's degree programme is accredited in French and as such co-supervised by Masaryk University and the Université de Rennes 1 (France). The aim is to prepare highly qualified public administration specialists. A total of 48 students were enrolled in the 2009/2010 academic year.

Two English-language Master's degree programmes are scheduled to commence in the upcoming academic year; starting in 2010, students will have the opportunity to enrol in the Financial Management and Business Management fields of study.

The Faculty of Economics and Administration co-organizes interfaculty studies most importantly in cooperation with the Faculty of Science, Faculty of Arts, Faculty of Law, Faculty of Informatics, and Faculty of Sports Studies.

### Science and Research

The faculty houses a unit focusing on the application of social sciences results in the area of competitive abilities and their industrial and political implications in connection to fulfilling the goals set out by the Lisbon Strategy; its functional period – originally scheduled to end in 2009 – has been prolonged until 2011. The research centre is tasked with a complex analysis of the sources and results of the competitive abilities of the Czech Republic and the identification of associated industrial and political implications for the purpose

of a successful transition to a knowledge-based economy.

The Institute for the Financial Market – which focuses on implementing scientific and research findings in financial marketing, consumer protection and financial literacy and their practical application – co-organized the European Financial Systems 2009 international scientific conference.

### Faculty Development and Cooperation in the Region

Faculty partners include the following institutes: Research Institute for Labour and Social Affairs, Transport Research Centre, Centre for Non-Profit Sector Research and the Society for the Study of the Non-profit Sector.

The faculty also works in close collaboration with the South Moravian Regional Authority and similar significant public administration institutions; as a result, students now have the opportunity to engage in writing final theses assigned directly by the partner institutions.

### Other Activities and Events at FEA in 2009:

- Towards the Problem of Ontology of Culture: Economic and Ecological Connections (21 January 2009)
- 1st International Doctoral Conference – New Economic Challenges (21–22 January 2009)
- White Spaces of Theory and Black Holes of Social System Reforms (22–23 January 2009)
- 10th anniversary of the joint Czech and French Administration Publique field of study (3–5 April 2009)
- Europe of Engaged Citizens – Resources and Sustainability interdisciplinary conference (4–5 May 2009)
- 12th International Colloquium on Regional Sciences (17–19 June 2009)

The faculty likewise constitutes an important expert body in the region, producing analytical documents and expertise reports throughout 2009.

Projects funded by the Education for Competitiveness Operational Programme aim to attract more international lecturers in doctoral studies programmes as well as innovating study plans in graduate studies. Two new projects have been launched: Innovation of Doctoral Degree Studies at the Faculty of Economics and Administration and Innovation of Bachelor's and Master's Degree Programmes at the Faculty of Economics and Administration.





## 7.7. FACULTY OF INFORMATICS

### Studies and Degree Programme Development

The Faculty of Informatics has successfully finalized several accreditation procedures in 2009; the new Public Administration Informatics field of study focuses on how information and communication technology (ICT) influences the public sector and state administration as well as on ICT application in the legal sciences, the role of ICT in legal sciences support and the influence of ICT on administrative organization development. The Computer Systems and Technologies field of study has been accredited in the doctoral degree programme.



The slight decrease in overall Bachelor's studies applicant numbers follows the evolution of the population curve. However, the number of students applying for studies in the Master's degree programme rose by 13 %: a total of 447 students were admitted in 2009, up from 325 in 2008. The student population is increasingly international – 32 % as of 2009 – with most internationals coming from Slovakia and surrounding countries.

### Science and Research

Research at the Faculty of Informatics is being carried out at four research centres and twelve specialized research laboratories; students of Bachelor's, Master's and doctoral degree programmes are all regular participants. The faculty has successfully implemented the Highly Parallel and Distributed Computing Systems long-term research plan. On the whole, research activity at the faculty is increasingly moving towards applied research.

Successful projects have been carried out in the following areas: digital data search, application of game theory and similar formal methods in computer system modelling and verification, natural language processing, application and services in large distributed systems and networks, biomedical image processing, virtual reality and visualisation, applied security and quantum information processing. A group of writers based at the Faculty of Informatics were awarded the Ministry of Education, Youth and Sports medal in recognition of the Online Czech Language Handbook project.

### Faculty Development and Cooperation in the Region

The Association of Industrial Partners, a body coordinating collaborative efforts between the faculty and industrial corporations, entered its third year of operation in 2009. The primary goal of the partnership is to organize joint scientific and research projects facilitating the incorporation of doctoral thesis projects as well locating external financial sources to support them. The faculty is also interested in extending collaboration on specific industrial projects in connection to Bachelor's and Master's theses. The faculty is currently working with 18 corporate partners; three of them (ANF DATA, Red Hat Czech and Seznam.cz) being strategic partnerships.

Throughout 2009, the faculty's industrial partners have also greatly contributed to preparing projects under the Education for Competitiveness Operational Programme and Research and Development for Innovation Operational Programme. The faculty also continues to collaborate with ERCIM (European Research Consortium for Informatics and Mathematics), an international nongovernmental research association. Partnership with the organization has both facilitated integration and allowed the faculty to adapt to collaboration conditions common among EU research institutions as well as applying for EU projects as members of international teams; the faculty is also joining association work groups and participating in ERCIM exchange programmes – the Fellowship Programme and the Mobility Programme.

The Faculty of Informatics team reached the final round of the ISA Awards 2009 competition in the category of data processing systems, i.e. systems essential for the day to day operation of any organization. The team reached recognition for the unique MU Information System which provides constant service to nearly 50,000 active students, teachers and other university staff.

## 7.8. FACULTY OF SOCIAL STUDIES

### Studies and Degree Programme Development

The Faculty of Social Studies has long been popular with prospective students. A total of 10,875 applications for Bachelor's studies were submitted in the 2009 admission procedure, making FSS once again the most sought-after social studies faculty in the Czech Republic.

Thanks to a gradual increase in the number of students who finished their Bachelor's studies, the number of students enrolling in Master's degree programmes is likewise on the rise. The importance of Master's studies is consequently growing as well; such developments are fully in compliance with the faculty's current emphasis on Master's and doctoral studies.

In 2009, the faculty instituted two admission procedure runs for Master's degree programmes: one for students starting in the spring semester (411 entrance applications, 195 students admitted) and one for students starting in the autumn semester (1,562 entrance applications, 620 students admitted). The faculty is currently offering two degree programmes taught in a foreign language: European Politics and Sociology.

### Science and Research

Research units based at the Faculty of Social Studies – Institute for Comparative Political Research, Institute for Research on Social Reproduction and Integration and Institute for Research on Children, Youth and Family – continued to investigate three long-term research plans: Political Parties and The Representation of Interests in Contemporary European Democracies, Reproduction and Integration of Society and Psychological and Social Characteristics of Children, Youth and the Family: Personality Development in the Changing Modern Society.

A number of experts also participated in international research teams investigating EU programmes, most importantly projects in the Sixth and Seventh Framework Programmes.

Additional research activities took place within the framework of joint projects with government units, primarily the Research Institute for Labour and Social Affairs of the Czech Republic. Partnership with non-governmental organizations centres on issues such as social prevention and intervention, minorities, the Romani ethnic group and environmental restoration and conservation.

### Faculty Development and Cooperation in the Region

The International Political Marketing Symposium, organized by the Department of Political Science, drew academics as well as professionals: keynote speakers included prominent experts in the field of political marketing such as Bruce Newman (DePaul University, Chicago). Phil Harris (Journal of Public Affairs), Stephen Henneberg and Robert Ormrod visited the faculty in order to discuss a variety of theoretical and methodological issues.

The Department of Media Studies and Journalism secured funding from the Education for Competitiveness Operational Programme



to implement a project entitled Innovation for Practice – Department of Journalism. The project is designed to create a connection to actual practice, i.e. having experienced journalists teach individual courses. The project comprises a number of workshops, some of which are organized by PPF Media, a publishing house equipped with the unique Futuroom training centre.

The Department of Journalism held a pilot Multimedia Open Day in November 2009 with the support of MF DNES, iDNES.cz, Deník, Czech Radio, Czech TV and Aktuálně.cz.

Also in November, the Department of Environmental Studies in partnership with LÖW & Co., Ltd organized a conference entitled People – Landscape – Land Character II. Roughly 70 university, public administration and NGO representatives took part.

A press conference on the development of post-1990 Czech values was held in November; a source publication covering the results of research carried out with the support of a Czech Science Foundation grant project was presented. The unique research project was carried out in cooperation with SC&C.







## 7.9. FACULTY OF SPORTS STUDIES

### Studies and Degree Programme Development

A total of 1,497 of students were enrolled at the Faculty of Sports Studies in 2009, i.e. an interannual increase of 11 %. Interest in individual fields of study has generally evened out, both in Bachelor's and in Master's fields.

The faculty has successfully accredited the new Physiotherapy field of study (Specializations in Health Science Bachelor's degree programme). The accreditation period for all fields has been extended until 2013. Previously available only in the combined form, the following fields of study have been accredited as full-time: Special Edu-



cation of Security Sections (Bachelor's field of study) and Applied Sport Education of Security Bodies (Master's field of study). Management in Sport, a Master's field of study, has also been launched in 2009.

The faculty is currently participating in inter-faculty studies with the Faculty of Education, Faculty of Social Studies, Faculty of Arts and Faculty of Informatics. Combinations linking physical education and fields such as geography, social studies, journalism and English have proved most popular.

### Science and Research

Funds acquired from the European Education for Competitiveness Operational Programme will be used to finance a project designed to lower the number of injuries suffered by pupils both in and out of school.

The faculty continued to implement the EURO-PREVOB project (Sixth Framework Programme) and launched joint projects with Queen Mary, University of London – INGAMOR – and the Erasmus University Rotterdam – COMPOSITE. Additionally, the faculty is also participating in project VEGA: Kinetic Model Structure, Assumptions and Expressions in Populations with Various Performance Levels (principal investigator: Faculty of Sports, J.A. Comenius University in Bratislava).

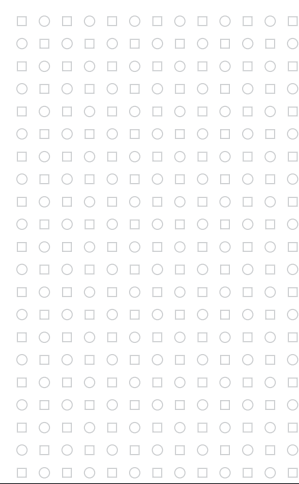
The Faculty of Sports Studies houses the Laboratory of Kinanthropology Research, a unique unit designed to provide students with a deeper understanding of the physiological, mechanical and technical aspects of locomotion with the aid of modern technology such as 2D and 3D kinematic and dynamic analyses of movement structures, pedobarometric analysis, thermography, electromyography and exhaled air analysis.

### Faculty Development and Cooperation in the Region

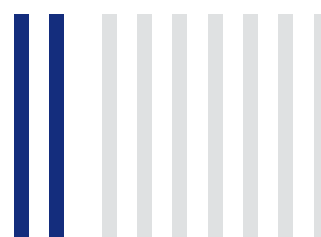
Moving to the University Campus at Bohunice may be considered a milestone in the short history of the youngest faculty at Masaryk University. The new faculty spaces will facilitate both teaching needs as well as kinanthropological research.

In November 2009, the Faculty of Sports Studies organized the seventh international Sport and the Quality of Life conference, focusing primarily on the principal topic of Sport and its Social Dimension. A gala evening entitled 90 Years in Motion served both as a celebration of the 90th anniversary of the university's founding and as an opportunity to inaugurate new sporting grounds. The university athlete of the year was also announced at the event; the award went to Faculty of Sports Studies student Tomáš Hron (Thai boxing world champion).

The Nutrition Advisory Centre – serving both MU students as well as the general public – was set up as part of the MU counselling development project; psychomotor therapy sessions were organized for MU students and teachers. The Faculty of Sports Studies also organized a special open day in connection with the Partnership in Education project; a considerable number of secondary school students attended the event.



# Basic Facts and Figures





Rector's Office

## MU Organizational Structure

### MU Faculties

Faculty of  
Law

Faculty of  
Medicine

Faculty of  
Science

Faculty of  
Arts

Faculty of  
Education

Faculty of  
Economics and  
Administration

Faculty of  
Informatics

Faculty of  
Social Studies

Faculty of  
Sports Studies

### University Institutes

International  
Institute of  
Political Science

Institute of  
Computer  
Science

CEITEC

### Other Units

University  
Archives

Language  
Centre

Support Centre  
for Students  
with Special  
Needs

Office for  
International  
Studies

Regional  
Development  
Centre

Technology  
Transfer Office

Institute of  
Biostatistics and  
Analyses

Mendel  
Museum

### University Support Services

Accommodation  
and Catering  
Services

University Press

University  
Centre Telč

Management  
of the University  
Campus at  
Bohunice



## Names and Addresses

Name of public university: **Masaryk University**  
 Address: **Žerotínovo nám. 9, 601 77 Brno, Czech Republic**  
 Standard abbreviation: **MU**  
 MU Website: **[www.muni.cz](http://www.muni.cz)**

### MU Faculties



**Faculty of Law**  
 Veveří 70  
 611 80 Brno



**Faculty of Economics  
and Administration**  
 Lipová 41a  
 659 79 Brno



**Faculty of Medicine**  
 Komenského nám. 2  
 662 43 Brno



**Faculty of Informatics**  
 Botanická 68a  
 602 00 Brno



**Faculty of Science**  
 Kotlářská 2  
 611 37 Brno



**Faculty of Social  
Studies**  
 Joštova 10  
 602 00 Brno



**Faculty of Arts**  
 Arna Nováka 1  
 660 88 Brno



**Faculty of Sports  
Studies**  
 Kamenice 5  
 625 00 Brno



**Faculty of Education**  
 Poříčí 7  
 603 00 Brno

# 1. University Structure and Official Bodies

## MU MANAGEMENT

**Prof. PhDr. Petr Fiala, Ph.D., LL.M.**  
Rector

**Prof. Ing. Antonín Slaný, CSc.**  
Vice-Rector for Studies

**Prof. RNDr. Jana Musilová, CSc.**  
Vice-Rector for Research and Development

**Assoc. Prof. JUDr. Jan Svatoň, CSc.**  
Vice-Rector for Student Welfare and Lifelong Learning

**Assoc. Prof. PhDr. Mikuláš Bek, Ph.D.**  
Vice-Rector for Strategy and External Relations

**Prof. RNDr. Ivana Černá, CSc.**  
Vice-Rector for Information Technologies

**Prof. MUDr. Ivan Rektor, CSc.**  
Vice-Rector for Development

**Assoc. Prof. Ing. Ladislav Janíček, Ph.D., MBA**  
Bursar

**Mgr. Jiří Nantl, LL.M.**  
Legal and Corporate Relations Director (since 8 August 2009); Secretary (until 7 August 2009)

**Mgr. Iva Zlatušková** (since 8 August 2009)  
Secretary

**Assoc. Prof. JUDr. Filip Křepelka, Ph.D.**  
Chair of MU Academic Senate

Table 1.1 Membership of Masaryk University in university organisations and in international and professional organisations

Organisation	Country	Status
Danube Rectors' Conference (DRC)	Slovenia	Member
International Association of Universities (IAU)	France	Member
European University Association (EUA)	Belgium	Member
Utrecht Network (UN)	The Netherlands	Member of Executive Committee (until April 2009)
Compostela Group of Universities (CGU)	Spain	Member of Executive Committee (until September 2009)
Inter-University Centre Dubrovnik (IUC)	Croatia	Member
Central European Initiative (CEI) University Network	Italy	Member of Executive Committee for the Czech Republic
EAIE – European Association for International Education	The Netherlands	Member
NAFSA – Association of International Educators	USA	Member
International Student Exchange Programme (ISEP)	USA	Member
Euro-Mediterranean University (EMUNI)	Slovenia	Member
Heads of University Management and Administration Network in Europe (HUMANE)	Belgium	Member
Brno Centre for European Studies (BCES)	Czech Republic	Chair
South-Moravian Centre for International Mobility (SMCIM)	Czech Republic	Member
South-Moravian Innovation Centre (SMIC)	Czech Republic	Member
Czech Rector's Conference (CRC)	Czech Republic	Member
Universities Council (RVŠ)	Czech Republic	Member
CEITEC	Czech Republic	Member
CESNET	Czech Republic	Member

## BOARD OF TRUSTEES

**ThDr. Ing. Lukáš Evžen Martinec**  
(Abbot, Old Brno Abbey of the Order of St. Augustine); Chair

**MUDr. Alena Štětková, CSc.**  
(Advisor to the Director for Strategy and Development, St Anne's Faculty Hospital); Vice-Chair

**PhDr. Jitka Vitásková**  
(Deputy Director, Brno House of Arts); Vice-Chair

**Ing. Václav Hanke, CSc.**  
(Ministry of Education, Youth and Sports)

**Mgr. Michal Hašek**  
(Governor, South Moravian Region)

**Ing. Bohdan Hejduk**  
(Deputy, Ministry of Finance)

**Ing. Stanislav Juránek**  
(Director, Regional Division of the State Agricultural Intervention Fund)

**František Mikš**  
(Editor-in-Chief, Barrister & Principal Publishers)

**JUDr. Otakar Motejl**  
(Ombudsman)

**Mgr. Petr Pleva**  
(Member of the Chamber of Deputies of the Czech Republic)

**PhDr. Miloš Růžička, Ph.D.**  
(Senior partner, Bison & Rose)

**Mgr. Bohuslav Sobotka**  
(Member of the Chamber of Deputies of the Czech Republic)

**PhDr. Richard Svoboda**  
(Member of the Senate of the Czech Republic)

**Prof. Pavel Švanda**  
(Professor, Theatre Faculty, Janáček Academy of Music and Performing Arts in Brno)

**Mgr. Bohuš Zoubek**  
(Member of the Board of Czech Radio)

**Mgr. Jiří Nantl, LL.M.**  
Secretary

## SCIENTIFIC BOARD

**Prof. JUDr. Josef Bejček, CSc.**  
Faculty of Law

**doc. PhDr. Mikuláš Bek, Ph.D.**  
Faculty of Arts

**Prof. RNDr. Václav Blažek, CSc.**  
Faculty of Arts

**Prof. RNDr. Ivana Černá, CSc.**  
Faculty of Informatics

**Prof. MUDr. Zuzana Derflerová Brázdová, DrSc.**  
Faculty of Medicine

**Prof. PhDr. Petr Fiala, Ph.D., LL.M.**  
Faculty of Social Studies

**Assoc. Prof. RNDr. Milan Gelnar, CSc.**  
Faculty of Science

**Prof. RNDr. Jozef Gruska, DrSc.**  
Faculty of Informatics

**Prof. RNDr. Josef Humlíček, CSc.**  
Faculty of Science

**Assoc. Prof. PhDr. Michal Charvát, CSc.**  
Faculty of Sports Studies

**Prof. RNDr. Jaroslav Koča, DrSc.**  
Faculty of Science

**Prof. PhDr. Josef Krob, CSc.**  
Faculty of Arts

**Prof. PhDr. Jiří Kroupa, CSc.**  
Faculty of Arts

**Prof. PhDr. Petr Kyloušek, CSc.**  
Faculty of Arts

**Prof. MUDr. Jindřich Lokaj, CSc.**  
Faculty of Medicine

**Assoc. Prof. JUDr. Ivan Malý, CSc.**  
Faculty of Economics and Administration

**Prof. MUDr. Jaroslav Meluzín, CSc.**  
Faculty of Medicine

**Prof. PhDr. Ivo Možný, CSc.**  
Faculty of Social Studies

**Prof. RNDr. Jana Musilová, CSc.**  
Faculty of Science

**Prof. PhDr. Ladislav Rabušic, CSc.**  
Faculty of Social Studies

**Prof. MUDr. Ivan Rektor, CSc.**  
Faculty of Medicine

**Prof. RNDr. Jiří Rosický, DrSc.**  
Faculty of Science

**Prof. JUDr. Naděžda Rozehnalová, CSc.**  
Faculty of Law

**Prof. RNDr. Eduard Schmidt, CSc.**  
Faculty of Science

**Prof. Ing. Antonín Slaný, CSc.**  
Faculty of Economics and Administration

**Prof. RNDr. Jan Slovák, DrSc.**  
Faculty of Science

**Prof. PhDr. Maxmilián Strmiska, Ph.D.**  
Faculty of Social Studies

**Assoc. Prof. JUDr. Jan Svatoň, CSc.**  
Faculty of Law

**Assoc. Prof. Ing. Martin Svoboda, Ph.D.**  
Faculty of Economics and Administration

**Prof. PhDr. Rudolf Šrámek, CSc.**  
Faculty of Education

**Assoc. Prof. RNDr. Josef Trna, CSc.**  
Faculty of Education

**Prof. MUDr. Jiří Vorlíček, CSc.**  
Faculty of Medicine

**Prof. RNDr. Jiří Zlatuška, CSc.**  
Faculty of Informatics

**Prof. MUDr. Jan Žaloudík, CSc.**  
Faculty of Medicine

## Internal members

**Prof. PhDr. Václav Cejpek**  
(Theatre Faculty, Janáček Academy of Music and  
Performing Arts in Brno)

**Prof. RNDr. Lubomír Dvořák, CSc.**  
Faculty of Science, Palacký University in Olomouc

**Assoc. Prof. PhDr. František Gahér, CSc.**  
Comenius University in Bratislava

**Prof. RNDr. Václav Hampel, DrSc.**  
Second Faculty of Medicine, Charles University in  
Prague

**Prof. Ing. Rudolf Haňka, Ph.D.**  
University of Cambridge

**Prof. JUDr. Pavel Holländer, DrSc.**  
Constitutional Court of the Czech Republic

**Prof. MUDr. Cyril Höschl, DrSc., FRCPsych**  
Prague Psychiatric Centre, Third Faculty of Medicine,  
Charles University in Prague

**Assoc. Prof. RNDr. Jan Konvalinka, CSc.**  
Institute of Organic Chemistry and Biochemistry,  
Academy of Sciences of the Czech Republic

**Assoc. Prof. RNDr. Stanislav Kozubek, DrSc.**  
Institute of Biophysics, Academy of Sciences  
of the Czech Republic

**Prof. PhDr. Milena Lenderová, CSc.**  
Faculty of Arts and Philosophy, University  
of Pardubice

**Prof. PhDr. Petr Matějů, Ph.D.**  
Institute of Sociology, Academy of Sciences  
of the Czech Republic

**Prof. Dr. phil. PhDr. Marek Nekula**  
Philosophical Faculty IV – Linguistics and Literature,  
University of Regensburg

**Prof. Ing. Pavel Ondrčka, CSc.**  
Tomas Bata University in Zlín

**Prof. Ing. Oldřich Pytela, DrSc.**  
Faculty of Chemical Technology, University  
of Pardubice

**Prof. Ing. Milan Sojka, CSc.**  
Faculty of Social Sciences, Charles University  
in Prague

## External Members





**Prof. RNDr. Vladimír Souček, DrSc.**  
Faculty of Mathematics and Physics,  
Charles University in Prague

**Prof. Pavel Švanda**  
Theatre Faculty, Janáček Academy of Music  
and Performing Arts in Brno

**Prof. MUDr. Vladimír Večerek, CSc.**  
Faculty of Veterinary Hygiene and Ecology, University  
of Veterinary and Pharmaceutical Sciences Brno

**Prof. Bedřich Velický, CSc.**  
Faculty of Mathematics and Physics, Charles  
University in Prague

**Prof. Dr. Thomas Winkelbauer, Dr.h.c.**  
University of Vienna

**Prof. MUDr. Cyril Höschl, DrSc.,**  
FRCPsych was appointed to the Masaryk University  
Scientific Board effective 6 October 2009.

Four meetings of the scientific board were held in 2009. Items on the regular agenda included information and discussions regarding Masaryk University activities, discussing professorship appointments and proposals for honorary doctorates as well as Golden and Silver MU Medals. The Scientific Board discussed 19 professorship appointments, 17 of them successfully (two of the proceedings were terminated).

## Approved professorship proposals

**Assoc. Prof. RNDr. Jiří Fajkus, CSc.,**  
Molecular Biology and Genetics

**Assoc. Prof. MUDr. RudoFM Autrata, CSc., MBA,**  
Ophthalmology

**Assoc. Prof. MUDr. Martin Bareš, Ph.D.,**  
Neurology

**Assoc. Prof. PhDr. Jiří Hanuš, Ph.D.,**  
General History

**Assoc. Prof. MUDr. Markéta Hermanová, Ph.D.,**  
Pathology

**Assoc. Prof. MUDr. Marta Horňáková, Ph.D.,**  
J. A. Comenius University in Bratislava, Special  
Education

**Assoc. Prof. Mgr. Libor Jan, Ph.D.,**  
Czech History

**Assoc. Prof. MUDr. Marie Kopecká, CSc.**  
Medical Biology

**Assoc. Prof. RNDr. Ludmila Křivánková, CSc.,**  
Institute of Analytical Chemistry, ASCR, Analytical  
Chemistry

**Assoc. Prof. Mgr. Jiří Macháček, Ph.D.,**  
Medieval Archaeology

**Assoc. Prof. RNDr. Luděk Matyska, CSc.,**  
Informatics

**Assoc. Prof. JUDr. Jarmila Pokorná, CSc.,**  
Commercial Law

**Assoc. Prof. MUDr. Beata Sáníová, Ph.D.,**  
J. A. Comenius University in Bratislava

**Assoc. Prof. RNDr. Peter Sýkora, Ph.D.,**  
University of St. Cyril and Method in Trnava,  
Philosophy

**Assoc. Prof. RNDr. David Trunec, CSc.,**  
Plasma Physics

**Assoc. Prof. Mgr. Tomáš Tyc, Ph.D.,**  
Theoretical Physics and Astrophysics

**Assoc. Prof. PhDr. Martin Wihoda, Ph.D.,**  
General History

Table 1.2 Proceedings for professorships discussed by the MU Scientific Board in 2009

Faculty	Professors			Associate Professors		
	Total	of which MU	Terminated	Total	of which MU	Terminated
FLaw	1	1	0	1	1	0
FMed	6	5	0	16	14	0
FSci	4	3	0	12	6	0
FA	6	5	1	4	2	0
FEdu	1	0	0	2	1	0
FEA	1	1	1	0	0	0
FI	1	1	0	0	0	0
FSS	0	0	0	6	2	0
FSpS	0	0	0	1	1	0
Total	20	16	2	42	27	0

Table 1.3 Proceedings for professorships and associate professorships at MU – totals

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Professors	18	11	30	22	25	24	13	13	18	25	15	20
Mean age	54.6	49.6	54.6	50.7	52.4	51.1	51.6	47.9	52.6	48	54	50
Associate Professors	69	46	42	24	40	39	58	38	39	37	37	42
Mean age	48	45.1	48.9	46.2	45.8	47.9	45.3	46.4	44	45	41	41

## ACADEMIC SENATE

	Chair	Vice-chairs
Administration	Assoc. Prof. JUDr. Filip Křepelka, Ph.D.	Prof. MUDr. Marie Nováková, Ph.D. Mgr. Zdeněk Ručka
Representing	Staff Chamber	Student Chamber
Faculty of Law	Assoc. Prof. JUDr. Milan Galvas, CSc. Assoc. Prof. JUDr. Filip Křepelka, Ph.D. JUDr. Mgr. Martin Škop, Ph.D.	Jana Kralovianska Mgr. Veronika Kudrová
Faculty of Medicine	Prof. MUDr. Milan Brázdil, Ph.D. Prof. MUDr. Marie Nováková, Ph.D. RNDr. Josef Tomandl, Ph.D.	MUDr. Martin Pešíl Bc. Martin Vrubel
Faculty of Science	RNDr. Milan Alberti, CSc. RNDr. Miroslav Kolář, CSc. Assoc. Prof. Mgr. Lenka Zajíčková, Ph.D.	Mgr. Jan Čech Mgr. Zdeněk Ručka
Faculty of Arts	Assoc. Prof. PhDr. Jarmila Bednaříková, CSc. Prof. PhDr. Jaroslav Hroch, CSc. Jeffrey Alan Vanderziel, B.A.	Mgr. Kamila Mesiarkinová Mgr. Jiří Žoudlík
Faculty of Education	Assoc. Prof. RNDr. Jaroslav Beránek, CSc. Prof. RNDr. Vladislav Navrátil, CSc. PaedDr. Jan Štáva, CSc.	Bc. Petr Ducháček Mgr. David Solníčka
Faculty of Economics and Administration	Assoc. Prof. PhDr. Růžena Lukášová, CSc. Ing. Radoslav Škapa, Ph.D. Ing. Vladimír Žitek, Ph.D.	Bc. František Churý Ing. Šárka Nedělová
Faculty of Informatics	Assoc. Prof. RNDr. Ivan Kopeček, CSc. Assoc. Prof. RNDr. Michal Kozubek, Ph.D. Prof. RNDr. Luděk Matyska, CSc.	Mgr. Martin Kyselák Mgr. Pavel Troubil
Faculty of Social Studies	Assoc. Prof. PhDr. Zdeněk Kříž, Ph.D. PhDr. Petr Suchý, Ph.D. PhDr. Zdeněk Sychra, Ph.D.	Bc. Dalibor Jenne Bc. Petr Soukeník
Faculty of Sports Studies	PaedDr. Zdeněk Janík PaedDr. Miloš Lukášek, Ph.D. PhDr. Zdenko Reguli, Ph.D.	Mgr. Barbora Jalovecká Bc. Jiří Sedláček
University Institutes	PhDr. Mgr. Libor Štěpánek, Ph.D.	—

The Masaryk University Academic Senate met a total of seven times in 2009 – on 16 February, 2 March, 6 April, 4 May, 1 June, 5 October and 7 December. In addition to regular sessions, the Academic Senate met on 9 April in order to discuss university reforms with Mgr. Ondřej Liška, Minister of Education, Youth and Sports. The student chamber meets regularly before academic senate sessions; the staff chamber did not hold a separate meeting at any point in 2009.

A number of matters were dealt with at the constituent 2009 session: in addition to routine decisions concerning the budget, the Senate also established Academic Senate members elected at the close of 2008, elected a chairperson and vice-chairs and selected an economic committee chair from among its own ranks. The Academic Senate likewise took decisions regarding Masaryk University Statutes and authorized new disciplinary codes for students accepted by individual faculties at the instance of the Rector's Office as well as approving amendments and codifications relevant to internal faculty regulations, authorizing the appointment of additional members of the Masaryk University Scientific Board and approving amendments to the MU Strategic Plan. The Academic Senate joined a declaration adopted by academic senates of Czech universities and their faculties, asserting a critical stance towards planned university reform.

## 2. Studies

Table 2.1 Accredited degree programmes at MU

Groups of degree programmes	Regular degree programmes							Total degree programmes
	Bachelor's		long-cycle Master's		Master's		PhD	
	F	C	F	C	F	C		
Natural sciences	16	6	8		13	4	11	58
Technical sciences	—	—	—	—	—	—	—	—
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	2	2	3	—	1	1	26	35
Social sciences and services	13	17	5	1	16	11	10	73
Economics	4	3	3	—	5	3	4	22
Law, legal and public affairs	—	1	1	—	—	—	1	3
Education, teaching, social work	5	4	4	3	5	5	3	29
Psychology	1	1	1	1	1	1	1	7
Culture and the arts	1	1	1		1	1	1	6
Total	42	35	26	5	42	26	57	233

Table 2.2 Accredited degree programmes in a foreign language

Groups of degree programmes	Regular degree programmes							Total degree programmes
	Bachelor's		long-cycle Master's		Master's		PhD	
	F	C	F	C	F	C		
Natural sciences	—	—	—	—	6	1	11	18
Technical sciences	—	—	—	—	—	—	—	—
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	—	—	3	—	—	—	26	29
Social sciences and services	—	—	—	—	2	—	6	8
Economics	4	—	3	—	5	—	4	16
Law, legal and public affairs	—	—	—	—	—	—	—	0
Education, teaching, social work	2	2	—	—	—	—	1	5
Psychology	—	—	—	—	—	—	1	1
Culture and the arts	—	—	—	—	—	—	1	1
Total	6	2	6	0	13	1	50	78

Table 2.3 Accredited degree programmes or parts thereof taking place outside of the city where the university is located, with the exception of professional practice

Name and location of division implementing instruction of accredited degree programmes or parts thereof	Accredited degree programmes or parts thereof implemented at division	Type of degree programme or part thereof	Fields of study implemented at division	Form of field of study implemented at division (full-time, combined, distance)	Defences taking place at division (yes/no)	Final exams taking place at division (yes/no)
University Centre Telč	Economic Policy and Administration	Bachelor's	Public Economy and Administration	combined	no	no
	Economics and Management	Bachelor's	Regional Development and Administration, Management	combined	no	no

Table 2.4 Accredited degree programmes jointly implemented by colleges and universities

College	University	Degree programme/Fields of study
0	0	0

Table 2.5 Student numbers in accredited degree programmes as of 31 October 2009

Groups of degree programmes	Regular degree programmes								Total students
	Bachelor's		Long-cycle Master's		Master's		PhD		
	F	C	F	C	F	C	F	C	
Natural sciences	4,174	169	1		1,518	34	614	289	6,799
Technical sciences	—	—	—	—	—	—	—	—	0
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	0
Health, medical, pharmaceutical	626	143	2,589	—	148	40	314	522	4,382
Social sciences and services	5,989	1,611	13	—	2,459	565	362	475	11,474
Economics	1,211	1,615	890	—	478	407	57	106	4,764
Law, legal and public affairs	—	1,287	2,690	—	—	—	61	116	4,154
Education, teaching, social work	3,100	1,432	479	396	1,465	1,092	102	125	8,191
Psychology	107	159	519	59	158	0	69	67	1,138
Culture and the arts	1,137	634	—	—	360	182	52	70	2,435
Total	16,344	7,050	7,181	455	6,586	2,320	1,631	1,770	43,337



Table 2.6 Student numbers in accredited degree programmes by faculty as of 31 October 2009

Faculty	Regular degree programmes								Total students
	Bachelor's		Long-cycle Master's		Master's		PhD		
	F	C	F	C	F	C	F	C	
FLaw	0	1,287	2,690	0	0	0	61	116	4,154
FMed	626	143	2,589	0	148	40	314	522	4,382
FSci	2,506	169	1	0	886	34	531	270	4,397
FA	4,865	1,363	532	59	2,263	428	308	454	10,272
FEdu	2,827	1,349	479	396	851	965	93	101	7,061
FEA	1,211	1,615	890	0	478	407	57	106	4,764
FI	1,668	0	0	0	637	0	83	19	2,407
FSS	1,949	783	0	0	1,171	228	154	118	4,403
FSpS	692	341	0	0	152	218	30	64	1,497
Total	16,344	7,050	7,181	455	6,586	2,320	1,631	1,770	43,337

Table 2.7 Student numbers (citizens of CR) at MU as of 31 October 2009

Faculty	Regular degree programmes								Total students
	Bachelor's		Long-cycle Master's		Master's		PhD		
	F	C	F	C	F	C	F	C	
FLaw	0	1,232	2,372	0	0	0	53	110	3,767
FMed	578	138	1,537	0	125	37	259	471	3,145
FSci	2,220	154	1	0	812	31	456	248	3,922
FA	4,313	1,303	430	54	2,062	403	266	408	9,239
FEdu	2,772	1,331	478	394	834	957	92	97	6,955
FEA	987	1,477	740	0	404	388	52	91	4,139
FI	1,101	0	0	0	432	0	75	19	1,627
FSS	1,726	725	0	0	1,004	222	127	106	3,910
FSpS	662	336	0	0	149	215	28	63	1,453
Total	14,359	6,696	5,558	448	5,822	2,253	1,408	1,613	38,157

Table 2.8 Student numbers (international) at MU as of 31 October 2009

Faculty	Regular degree programmes								Total students
	Bachelor's		Long-cycle Master's		Master's		PhD		
	F	C	F	C	F	C	F	C	
FLaw	0	55	318	0	0	0	8	6	387
FMed	48	5	1,052	0	23	3	55	51	1,237
FSci	286	15	0	0	74	3	75	22	475
FA	552	60	102	5	201	25	42	46	1,033
FEdu	55	18	1	2	17	8	1	4	106
FEA	224	138	150	0	74	19	5	15	625
FI	567	0	0	0	205	0	8	0	780
FSS	223	58	0	0	167	6	27	12	493
FSpS	30	5	0	0	3	3	2	1	44
Total	1,985	354	1,623	7	764	67	223	157	5,180

Table 2.9 Student numbers in accredited degree programmes as of 31 December 2009

Groups of degree programmes	Regular degree programmes								Total students
	Bachelor's		Long-cycle Master's		Master's		PhD		
	F	C	F	C	F	C	F	C	
Natural sciences	4,022	155	—	—	1,492	33	605	267	6,574
Technical sciences	—	—	—	—	—	—	—	—	0
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	0
Health, medical, pharmaceutical	614	142	2,555	—	146	40	303	498	4,298
Social sciences and services	5,793	1,495	10	—	2,401	541	360	459	11,059
Economics	1,168	1,467	880	—	469	372	52	97	4,505
Law, legal and public affairs	—	1,237	2,656	—	—	—	53	121	4,067
Education, teaching, social work	2,945	1,414	474	376	1,446	1,105	98	114	7,972
Psychology	106	140	509	57	157	0	67	63	1,099
Culture and the arts	1,081	570	—	—	358	178	52	67	2,306
Total	15,729	6,620	7,084	433	6,469	2,269	1,590	1,686	41,880

Table 2.10 Student numbers at MU between 2005 and 2009

	2005	2006	2007	2008	2009
Bachelor's	17,659	19,467	21,605	22,502	23,394
Long-cycle Master's	9,175	8,574	7,931	7,648	7,636
Master's	2,864	4,513	6,258	7,613	8,906
PhD	3,020	3,167	3,195	3,289	3,401
Total	32,718	35,721	38,989	41,052	43,337



Table 2.11 Student numbers at individual faculties between 2005 and 2009

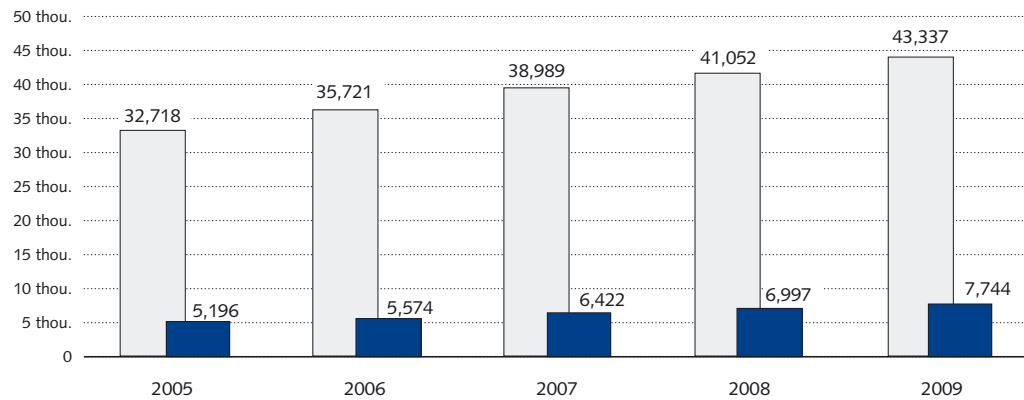
	2005	2006	2007	2008	2009
FLaw	3,513	3,565	3,691	3,799	4,154
FMed	3,525	3,912	4,201	4,323	4,382
FSci	3,205	3,494	3,887	4,121	4,397
FA	7,286	8,196	8,994	9,615	10,272
FEdu	5,278	5,848	6,343	6,691	7,061
FEA	3,578	3,767	4,238	4,468	4,764
FI	1,959	1,960	2,274	2,381	2,407
FSS	3,187	3,774	4,129	4,337	4,403
FSpS	1,187	1,205	1,232	1,317	1,497
Total	32,718	35,721	38,989	41,052	43,337

Table 2.12 Student numbers according to degree programme type

	2005	2006	2007	2008	2009
Bachelor's	54 %	54 %	55 %	55 %	54 %
Long-cycle Master's	28 %	24 %	20 %	19 %	18 %
Master's	9 %	13 %	16 %	19 %	21 %
PhD	9 %	9 %	8 %	8 %	8 %
Total	100 %	100 %	100 %	100 %	100 %

Student and graduate numbers at MU between 2005 and 2009

Key:  
■ students  
■ graduates



Number of students by faculty – full-time and combined studies

Key:  
■ full-time studies  
■ combined studies

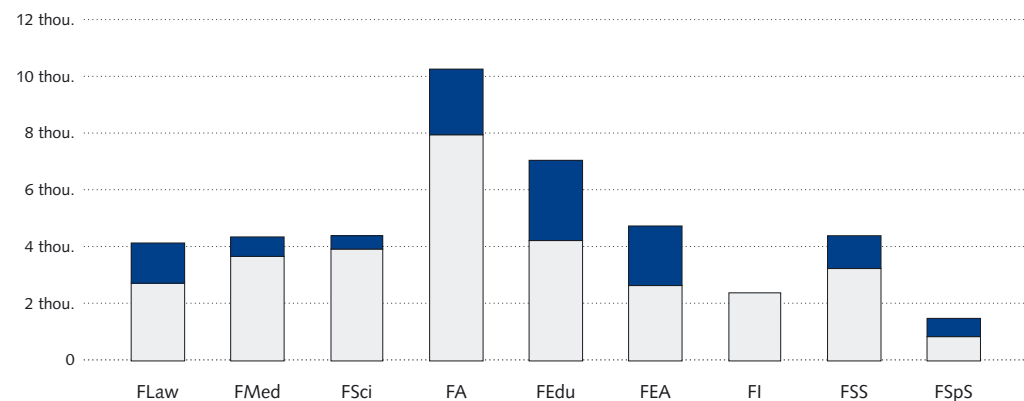


Table 2.13 Interest of applicants in studies at MU

Groups of degree programmes	Applications	Applicants	Admitted applications	Admitted applicants	Enrolled
Natural sciences	7,792	7,186	5,523	4,744	3,359
Technical sciences	—	—	—	—	—
Agricultural, forestry, veterinary med.	—	—	—	—	—
Health, medical, pharmaceutical	6,691	5,183	1,548	1,228	1,061
Social sciences and services	20,226	16,316	7,648	5,454	5,132
Economics	9,208	8,364	3,779	2,932	2,473
Law, legal and public affairs	7,392	6,366	1,310	1,243	1,200
Education, teaching, social work	10,442	9,673	5,194	4,295	3,763
Psychology	3,825	2,818	372	274	184
Culture and the arts	3,292	2,777	1,623	1,230	1,158
Total	68,868	58,683	26,997	21,400	18,330

Note:

Applications: number of all submitted applications received by the university.

Applicants: number of applicants for studies sitting the entrance examination.

Admitted applications: number of all applications disposed of in the affirmative.

Admitted applicants: number of admitted applicants. The total figure shows the number of physical persons, groups of study fields allow for multiple admission.

Enrolled: number of admitted students who enrolled in studies.

Table 2.14 Interest of applicants in studies at MU by faculties

Faculty	Applications	Applicants	Admitted applications	Admitted applicants	Enrolled
FLaw	7,392	6,366	1,310	1,243	1,200
FMed	6,691	5,183	1,548	1,228	1,061
FSci	4,994	4,578	3,624	3,067	2,050
FA	14,354	11,644	6,853	5,193	4,747
FEdu	8,903	8,279	4,400	3,693	3,209
FEA	9,208	8,364	3,779	2,932	2,473
FI	2,798	2,608	1,899	1,677	1,309
FSS	12,502	10,066	2,676	1,657	1,592
FSpS	2,026	1,595	908	710	689
Total	68,868	58,683	26,997	21,400	18,330

Note:

Applications: number of all submitted applications received by the university.

Applicants: number of applicants for studies sitting the entrance examination.

Admitted applications: number of all applications disposed of in the affirmative.

Admitted applicants: number of admitted applicants. The total figure shows the number of physical persons, groups of study fields allow for multiple admission.

Enrolled: number of admitted students who enrolled in studies.

Table 2.15 Graduate numbers at MU from 1 January 2009 to 31 December 2009

Groups of degree programmes	Regular degree programmes								Total graduates
	Bachelor's		Long-cycle Master's		Master's		PhD		
	F	C	F	C	F	C	F	C	
Natural sciences	701	22	5	—	466	4	30	73	1,301
Technical sciences	—	—	—	—	—	—	—	—	0
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	0
Health, medical, pharmaceutical	208	—	258	—	106	—	7	54	633
Social sciences and services	1,017	518	81	1	586	142	1	52	2,398
Economics	157	164	160	—	82	82	1	10	656
Law, legal and public affairs	—	352	433	—	—	—	4	10	799
Education, teaching, social work	499	16	196	69	387	291	8	17	1,483
Psychology	19	16	67	9	33	—	2	11	157
Culture and the arts	160	83	—	—	67	1	1	5	317
Total	2.761	1.171	1.200	79	1.727	520	54	232	7.744

Table 2.16 Graduate numbers at MU from 1 January 2009 to 31 December 2009 by faculty

Faculty	Regular degree programmes								Total graduates
	Bachelor's		Long-cycle Master's		Master's		PhD		
	F	C	F	C	F	C	F	C	
FLaw	0	303	433	0	0	0	4	10	750
FMed	208	0	317	0	106	0	7	54	692
FSci	467	22	5	0	310	4	21	71	900
FA	730	145	89	10	551	31	2	51	1,609
FEdu	456	339	196	69	220	284	8	15	1,587
FEA	157	164	160	0	82	82	1	10	656
FI	234	0	0	0	160	0	9	2	405
FSS	406	138	0	0	222	64	2	11	843
FSpS	103	60	0	0	76	55	0	8	302
Total	2,761	1,171	1,200	79	1,727	520	54	232	7,744





Table 2.17 Failure to complete studies at MU in the period from 1 January 2009 to 31 December 2009

Groups of degree programmes	Regular degree programmes								Total students
	Bachelor's		Long-cycle Master's		Master's		PhD		
	F	C	F	C	F	C	F	C	
Natural sciences	1,270	89	—	—	130	4	27	51	1,571
Technical sciences	—	—	—	—	—	—	—	—	0
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	0
Health, medical, pharmaceutical	78	5	194	—	20	—	18	33	348
Social sciences and services	1,098	457	21	—	254	176	9	55	2,070
Economics	219	833	71	—	39	—	9	23	1,194
Law, legal and public affairs	—	160	138	—	—	—	1	8	307
Education, teaching, social work	654	206	91	90	132	112	10	28	1,323
Psychology	9	45	16	8	5	—	1	8	92
Culture and the arts	239	237	1	—	18	20	3	10	528
Total	3,567	2,032	532	98	598	312	78	216	7,433

Table 2.18 Failure to complete studies at MU in the period from 1 January 2009 to 31 December 2009 by faculty

Faculty	Regular degree programmes								Total students
	Bachelor's		Long-cycle Master's		Master's		PhD		
	P	K	P	K	P	K	P	K	
FLaw	0	160	138	0	0	0	1	8	307
FMed	78	5	205	0	20	0	18	33	359
FSci	657	89	0	0	39	4	18	43	850
FA	1,039	440	27	8	209	69	12	58	1,862
FEdu	629	189	91	90	69	83	8	23	1,182
FEA	219	833	71	0	39	99	9	23	1,293
FI	613	0	0	0	91	0	9	8	721
FSS	235	256	0	0	116	39	2	14	662
FSpS	97	60	0	0	15	18	1	6	197
Total	3,567	2,032	532	98	598	312	78	216	7,433

Table 2.19 Student/teacher ratio at MU in 1998–2009

Faculty	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09
FLaw	33.03	34.24	32.57	36.08	40.06	41.19	45.84	47.13	46.84	46.33	48.42
FMed	6.41	6.74	7.07	8.32	8.32	9.27	12.06	13.42	13.88	14.10	14.05
FSci	11.34	11.71	12.03	12.23	12.68	12.89	13.22	13.60	14.85	15.92	15.95
FA	18.29	20.36	19.03	22.65	29.96	39.93	33.60	37.53	37.82	38.27	39.30
FEdu	20.11	21.21	18.75	17.28	28.03	27.79	28.10	29.01	30.20	30.84	31.51
FEA	32.99	36.16	37.71	40.35	48.93	48.14	41.79	41.85	45.73	47.81	49.09
FI	35.10	30.01	30.83	39.82	38.58	34.74	35.86	37.80	43.56	45.25	44.09
FSS	28.95	29.83	35.46	44.22	39.96	36.53	44.07	45.51	46.40	45.88	45.87
FSpS	—	—	—	—	15.08	17.76	18.92	15.74	15.96	17.40	19.45
MU	15.66	16.62	16.28	18.25	22.49	23.56	24.19	25.61	27.81	28.67	29.22

Table 2.20 MU involvement in international cooperation and mobility programmes – EU programmes

Programme	LLP (Socrates)					Erasmus Mundus	Tempus
	Erasmus	Comenius	Grundtvig	Leonardo	Jean Monnet		
Number of projects	6	2	2	1	2	7	3
Number of outgoing students	1,222	—	—	—	—	8	—
Number of incoming students	422	—	—	—	—	14	—
Number of outgoing academic staff	204	12	8	1	—	—	6
Number of incoming academic staff	126	—	—	—	—	2	—
Funding in thousands of CZK	59,961.62	1,165	290	20	368	392.61	258

Table 2.21 MU involvement in international cooperation in education programmes – other programmes

Programme	Ceepus	Aktion	Other
Number of projects	6	7	2
Number of outgoing students	25	105	14
Number of incoming students	16	86	—
Number of outgoing academic staff	7	15	10
Number of incoming academic staff	5	16	10
Funding in thousands of CZK	773	407.72	2,790

Table 2.22 MU involvement in international cooperation in education programmes – other placements abroad

Programme	Government scholarships	Direct inter-university cooperation/of which Development Programmes			
		in Europe	Development Programmes	outside Europe	Development Programmes
Number of outgoing students	38	145	144	105	105
Number of incoming students	—	2	—	95	—
Number of outgoing academic staff	12	64	—	—	—
Number of incoming academic staff	—	37	—	—	—

Note:  
The column "Other" includes all programmes which do not fit into any of the remaining columns

Table 2.23 Academic staff and student mobility by country

Country	Students		Academic staff		Country	Students		Academic staff	
	Number of outgoing	Number of incoming	Number of outgoing	Number of incoming		Number of outgoing	Number of incoming	Number of outgoing	Number of incoming
Argentina	1	—	—	—	Lichtenstein	3	—	—	—
Australia	5	6	—	—	Lithuania	14	6	3	2
Belgium	59	5	3	1	Luxembourg	1	—	—	—
Bosnia and Herzegovina	1	—	—	1	Macedonia	7	—	—	—
Brazil	7	—	—	—	Malta	2	—	2	—
Bulgaria	24	8	6	3	Mexico	9	6	—	—
Canada	10	7	—	—	Netherlands	45	3	3	1
Chile	1	—	—	—	Norway	48	6	10	15
China	5	10	—	—	Peru	1	—	—	—
Croatia	12	2	—	—	Poland	60	108	13	52
Cyprus	—	—	—	2	Portugal	74	26	15	6
Denmark	37	—	—	—	Rakousko	211	103	23	19
Egypt	1	—	—	—	Romania	2	1	1	—
Estonia	3	4	4	1	Russia	3	—	5	—
Finland	35	19	12	3	Serbia	8	1	—	—
France	159	32	18	1	Slovakia	13	25	14	12
Germany	210	47	40	12	Slovenia	54	16	8	5
Greece	26	15	9	1	Spain	147	56	11	4
Hungary	14	7	7	2	Sweden	37	—	3	—
Iceland	5	—	—	—	Switzerland	24	—	2	—
India	1	—	—	—	Syria	—	1	—	1
Indonesia	2	—	—	—	Taiwan	7	3	—	—
Ireland	2	—	3	—	Tajikistan	—	2	—	—
Israel	2	—	—	—	Tanzania	1	—	—	—
Italy	49	14	13	1	Thailand	3	—	—	—
Japan	10	4	—	—	Tunisia	4	—	—	—
Jordan	1	4	—	—	Turkey	20	11	11	7
Korea	3	4	—	—	UK	94	13	21	4
Kyrgyzstan	2	3	—	—	Ukraine	14	—	—	—
Latvia	3	—	1	2	Uruguay	1	—	—	—
Lebanon	3	4	—	—	USA	24	53	—	—
					Uzbekistan	—	—	—	1
					Total	1,624	635	261	159

Table 2.24 Number of lifelong learning courses

Group of degree programmes	Professionally oriented courses			Personal interest courses			U3A	Total	*
	up to 15 h.	up to 100 h.	more	up to 15 h.	up to 100 h.	more			
Natural sciences	2	5	—	—	—	—	—	7	—
Technical sciences	—	35	—	3	—	—	—	38	1
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	235	—	7	—	—	—	—	242	7
Social sciences and services	2	33	12	9	2	—	7	65	23
Economics	—	1	—	—	—	—	—	1	1
Law, legal and public affairs	23	21	—	—	—	—	—	44	15
Education, teaching, social work	10	14	39	1	9	3	—	76	10
Psychology	—	2	—	—	—	—	—	2	2
Culture and the arts	—	6	—	—	—	—	—	6	—
Total	272	117	58	13	11	3	7	481	59

Note:

\* Number of courses with participants admitted into accredited degree programmes under the provisions of Article 60 of the Higher Education Act

Table 2.25 Number of participants in lifelong learning courses

Group of degree programmes	Professionally oriented courses			Personal interest courses			U3A	Total	**
	up to 15 h.	up to 100 h.	more	up to 15 h.	up to 100 h.	more			
Natural sciences	24	260	—	—	—	—	—	284	—
Technical sciences	—	57	—	80	—	—	—	137	57
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	12,500	—	101	—	—	—	—	12,601	101
Social sciences and services	21	592	58	247	390	—	1,770	3,078	108
Economics	—	549	—	—	—	—	—	549	549
Law, legal and public affairs	595	636	—	—	—	—	—	1,231	512
Education, teaching, social work	163	278	1,515	11	157	29	—	2,153	200
Psychology	—	35	—	—	—	—	—	35	23
Culture and the arts	—	10	—	—	—	—	—	10	—
Total	13,303	2,417	1,674	338	547	29	1,770	20,078	1,550

Note:

\*\* Number of participants admitted into accredited degree programmes under the provisions of Article 60 of the Higher Education Act

Note:  
 \*\* Number of participants admitted into accredited degree programmes under the provisions of Article 60 of the Higher Education Act

Table 2.26 Number of participants in lifelong learning courses by faculty

Faculty	Professionally oriented courses			Personal interest courses			U3A	Total	**
	up to 15 h.	up to 100 h.	more	up to 15 h.	up to 100 h.	more			
FLaw	595	1,040	—	—	—	—	—	1,635	512
FMed	12,500	—	101	—	—	—	—	12,601	101
FSci	24	260	—	—	—	—	—	284	—
FA	—	272	—	—	—	—	—	272	117
FEdu	—	—	1,472	—	88	—	—	1,560	157
FEA	—	549	—	—	—	—	—	549	549
FI	—	57	—	80	—	—	—	137	57
FSS	7	—	13	—	—	—	—	20	14
FSpS	177	211	88	258	459	29	—	1,222	43
RMU	—	—	—	—	—	—	1,798	1,798	—
Total	13,303	2,389	1,674	338	547	29	1,798	20,078	1,550

Table 2.27 Scholarship and bursary types

Scholarships and bursaries	Number of students
for outstanding study results according to section 91, subsection 2, letter a)	787
for outstanding scholarly, research, developmental, artistic or other creative results contributing to the enhancement of knowledge according to section 91, subsection 2, letter a)	905
in case of a student's strenuous social situation according to section 91, subsection 2, letter d)	12
in case of a student's strenuous social situation according to section 91, subsection 3	486
in other cases worth special consideration according to section 91, subsection 2, letter e)	—
accommodation grant	15,700
in support of Czech citizens studying abroad according to section 91, subsection 4, letter a)	1,547
SOCRATES	1,222
CEEPUS	25
*) as part of the international student mobility MEYS development programme	286
*) EEA/Norwegian Financial Mechanisms	14
in support of foreign students in the Czech Republic according to section 91, subsection 4, letter b)	77
AKTION	1
CEEPUS	16
*) as part of "Preparation and realisation of scholarship program for talented students from third countries" (MEYS development programme)	60
in support of students of doctoral study programmes according to section 91, subsection 4, letter c)	1,907
other scholarships and bursaries:	43
scholarships in support of finalizing doctoral degree programme studies	14
scholarships supporting creative results in doctoral degree programmes	29

Table 2.28 Counselling services provided at MU\*

Counselling	Number of employees/ workload equivalents	Number of consultation hours per week	Number of consultations		
			in person	telephone	e-mail
Study-related	1.5	68	533	1,237	5,018
Psychological, social	0.8	42	892	360	1,800
Career	2.1	10	162	0	160
Other	1.3	32	1,261	361	1,550

Table 2.29 Student social welfare – accommodation and catering

Total accommodation capacity in the university residences	4,116
Number of beds in leased facilities	0
Number of accommodation applications as of 31 December 2008	6,872
Number of accommodation applications disposed of in the affirmative as of 31 December 2007	4,626
Number of accommodation applications disposed of in the affirmative in %	67.3

Table 2.30 Price structure of one place in MU halls of residence

grants for accommodation and catering provided by the Ministry of Education, Youth and Sports	0.00
funds from other resources of the university	0.00
price paid by student	2,578.00
price paid by MU employee	4,000.00
price paid by other persons	700.00

Table 2.31 Price structure of one meal in MU canteens

grants for accommodation and catering provided by the Ministry of Education, Youth and Sports	23.00
funds from other resources of the university (catering of employees)	38.00
price paid by student	31.00
price paid by employee	31.00
price paid by other persons	71.00

Note:  
 All prices are mean prices as they are derived from the type of room and residence type for both students and employees (namely foreign lecturers). The prices for other persons are shown in price lists published on the Internet, the price shown in the table is a mean price per one night including breakfast. All prices are in CZK and include 9% VAT.

Note:  
 Price of a meal = mean price of foodstuff including a share of operational expenses. All prices are in CZK and include 19% VAT. The price for students and employees is the same; the full price applies to boarders other than students and employees, VAT included. Faculties may contribute to employee catering.



Table 2.32 Number of meals served in 2008

Total	1,307,470
of which students	1,045,938
of which employees	109,201
of which others	152,331

Table 2.33 MU residences

Residence	Address	Number of places	Accommodation capacity
Vinařská	Vinařská 5, 603 00 Brno	1,115	1,262
Tvrdého	Tvrdého 5/7, 602 00 Brno	356	356
Kounicova	Kounicova 50, 602 00 Brno	580	596
Mánesova	Mánesova 12c, 612 00 Brno	346	346
Klácelova	Klácelova 2, 602 00 Brno	313	313
nám. Míru	nám. Míru 4, 602 00 Brno	248	248
Veveří	Veveří 29, 602 00 Brno	70	70
Komárov I.	Bří Žůrků 5, 617 00 Brno	479	496
Komárov II.	Sladkého 13, 617 00 Brno	432	432
Komárov III.	Lomená 48, 617 00 Brno	177	179
Total		4,116	4,298

Table 2.34 MU Hotels

Hotel	Address	Accommodation capacity
UNI hotel Vinařská	Vinařská 6, 603 00 Brno	147
UNI hotel Čejkova	Čejkova 21, 615 00 Brno	27
UNI hotel Grohova	Grohova 11, 602 00 Brno	14
UNI hotel Žerotínovo nám.	Žerotínovo nám. 9, 601 77 Brno	16
Hotel beds Komárov	Bří Žůrků 5, 617 00 Brno	17
Hotel beds Lomená	Lomená 48, 617 00 Brno	2
Hotel beds Družba	Kounicova 50, 602 00 Brno	16
Total		239

Table 2.35 Number of accommodated students

měsíc	2005	2006	2007	2008	2009
January	4,164	4,028	3,854	3,779	3,718
February	4,080	4,067	3,917	3,820	3,733
March	4,117	3,961	3,869	3,779	3,704
April	4,048	3,864	3,820	3,716	3,648
May	3,994	3,789	3,666	3,554	3,466
June	3,742	3,520	3,662	1,900	3,450
October	4,154	4,057	4,029	3,964	4,029
November	4,161	4,054	4,040	3,934	3,982
December	4,133	3,927	3,865	3,790	3,832
Total	36,593	35,267	34,722	32,236	33,562
Average	4,065	3,919	3,858	3,582	3,729

Table 2.36 Numbers of meals served in MU canteens

Canteen	2005	2006	2007	2008	2009
Moravské nám.	330,091	314,470	335,627	348,905	361,573
Vinařská	294,878	295,574	314,542	465,524	474,243
Veveří	199,548	209,841	197,409	184,587	185,660
Academic restaurant*	0	0	0	0	133,663
Total	824,517	819,885	847,578	999,016	1,155,139

Note:

\* The Academic Restaurant, located in the Campus Square shopping centre, is in operation since September 2009.

Table 2.37 Numbers of disabled students at MU faculties

Faculty	students with limited mobility	students with impaired hearing	students with impaired vision	students with specific learning disabilities	Total
FLaw	4	5	8	3	20
FMed	—	3	1	1	5
FSci	1	8	4	6	19
FA	14	12	26	12	64
FEdu	16	43	27	10	96
FEA	8	5	6	5	24
FI	5	21	13	6	45
FSS	13	2	16	3	34
FSpS	1	1	—	5	7
MU	62	100	101	51	314



Table 2.38 Numbers of disabled students according to groups of degree programmes as of 31 October 2009

Groups of degree programmes	Bachelor's				Long-cycle Master's				Master's				PhD				Total students			
	limited mobility	impaired hearing	impaired vision	specific learning disabilities	limited mobility	impaired hearing	impaired vision	specific learning disabilities	limited mobility	impaired hearing	impaired vision	specific learning disabilities	limited mobility	impaired hearing	impaired vision	specific learning disabilities	limited mobility	impaired hearing	impaired vision	specific learning disabilities
Natural sciences	5	25	10	10	—	1	—	—	1	3	6	2	—	—	1	—	6	29	17	12
Technical sciences	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	—	1	1	1	—	2	—	—	—	—	—	—	1	—	—	—	1	3	1	1
Social sciences and services	15	9	25	11	—	—	—	—	7	3	6	3	—	2	—	—	22	12	33	14
Economics	4	3	—	1	2	—	4	2	1	2	2	2	1	—	—	—	8	5	6	5
Law, legal and public affairs	—	3	1	1	4	2	7	2	—	—	—	—	—	—	—	—	4	5	8	3
Education, teaching, social work	12	33	17	12	—	1	2	—	4	10	8	3	1	—	—	—	17	44	27	15
Psychology	—	1	—	—	2	—	5	—	—	—	—	—	—	1	—	—	2	1	6	0
Culture and the arts	1	1	3	—	—	—	—	—	1	—	—	—	—	—	—	1	2	1	3	1
Total according to disability type	37	76	57	36	8	6	18	4	14	18	22	10	3	0	4	1	62	100	101	51
<b>Total</b>	<b>206</b>				<b>36</b>				<b>64</b>				<b>8</b>				<b>314</b>			

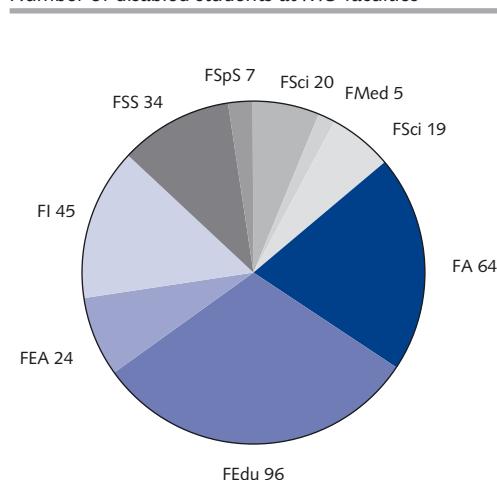
Table 2.39 Relative numbers of disabled students at MU faculties (percentage of total number)

Faculty	limited mobility	impaired hearing	impaired vision	specific learning disabilities	Total
FLaw	0.10	0.12	0.19	0.07	0.48
FMed	0.00	0.07	0.02	0.02	0.11
FSci	0.02	0.18	0.09	0.14	0.43
FA	0.14	0.12	0.25	0.12	0.62
FEdu	0.23	0.61	0.38	0.14	1.36
FEA	0.17	0.10	0.13	0.10	0.50
FI	0.21	0.87	0.54	0.25	1.87
FSS	0.30	0.05	0.36	0.07	0.77
FSpS	0.07	0.07	0.00	0.33	0.47
MU	0.14	0.23	0.23	0.12	0.72

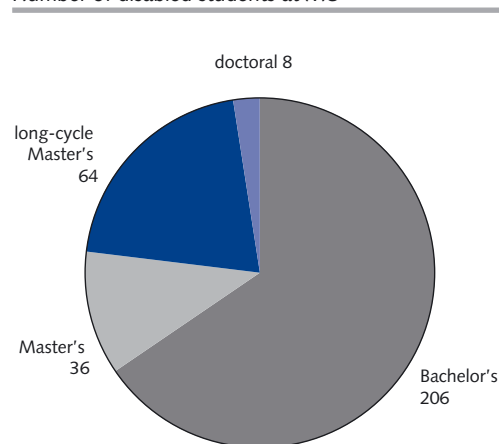
Table 2.40 Number of disabled students at MU

Year	limited mobility	impaired hearing	impaired vision	specific learning disabilities	Total
2000	2	2	9	0	13
2001	2	4	19	0	25
2002	2	4	25	0	31
2003	5	9	38	3	55
2004	9	21	50	4	84
2005	23	37	70	7	137
2006	28	52	84	22	186
2007	47	76	91	31	245
2008	61	90	104	41	296
2009	62	100	101	51	314

Number of disabled students at MU faculties



Number of disabled students at MU



### 3. Research

Table 3.1 Support of research and development in 2009 (*in thou. CZK*)

	Non-capital	Capital	Total
Total	877,720	63,660	941,380
of which: the Ministry of Education	625,895	59,028	684,923
other departments	221,924	4,545	226,469
from abroad	29,901	87	911,392

Table 3.2 List of research projects of the Ministry of Education, Youth and Sports (*in thou. CZK*)

HS	Name	Source	Capital	Non-capital	Total
FA	Research centre for the history of Central Europe: sources, countries, culture	C	65	13,047	13,112
FA	Interdisciplinary centre for the research of social structures from prehistory to middle ages. Field and theoretical archaeological research, application of natural sciences, methodology and informatics, protection of cultural heritage	C	100	12,516	12,616
FA	Centre for interdisciplinary research of ancient languages and earlier phases of modern languages	C	0	12,233	12,233
FI	Highly parallel and distributed computer systems	C	2,000	13,426	15,426
FSS	Psychological and social characteristics of children, the youth and a family, development of personality at the time of modern society changes	C	120	12,706	12,826
FSS	Political parties and representation of interests in contemporary European democracies	C	0	8,587	8,587
FSS	Reproduction and integration of the society	C	0	13,876	13,876
FMed	Early diagnosis and treatment of cardiovascular diseases	C	7,400	13,228	20,628
FMed	Internal organisation and neurobiological mechanisms of CNS functional systems	C	2,730	21,870	24,600
FMed	Functional and molecular characteristics of oncogenic and normal elementary cells – identification of targets for new therapeutics and therapeutic strategies	C	5,300	17,742	23,042
FMed	From classical prognostic markers to clinically applicable pharmacogenomic and pharmacoproteomic projects for multiple myeloma and monoclonal gamapathies	C	0	10,344	10,344
FEdu	School and health for the 21st century	C	50	10,285	10,335
FEdu	Special needs of pupils in the context of the Framework educational programme for elementary education	C	400	12,133	12,533
FLaw	European context for development of Czech law after 2004	C	0	7,258	7,258
FSci	Mathematical structures and their physical application	C	0	13,912	13,912
FSci	Physical and chemical properties of advanced materials and structures	C	0	11,997	11,997
FSci	Studies and application of plasmochemical reactions in non-isothermal low-temperature plasma and its interactions with the surface of solid substances	C	1,290	14,405	15,695
FSci	Interaction between chemical substances, the environment and biological systems and their impacts on global, regional and local levels (INCHEMBIOL)	C	10,516	33,518	44,034
FSci	Proteins in metabolism and during interaction of organisms with the environment	C	12,720	24,460	37,180
FSci	Molecular basis of cell and tissue regulations	C	9,401	39,817	49,218
FSci	Diversity of biotic societies and populations: actual analysis of variability in space and time	C	6,670	27,751	34,421
FSci	Dynamic geovisualisation in critical management	C	130	13,730	13,860

Table 3.3 List of research projects of the Ministry of Education, Youth and Sports (*in thou. CZK*)

Cost centre	Code	Name	Source	Capital	Non-capital	Total	Note
<b>INFOZ Information infrastructure of research (National research programme) (2009–2011)</b>							
FA	VZ09008	Litterae ante portas	C	75.00	166.00	241.00	MU is recipient
FA	VZ09017	Consortium access to basic art-historic and theoretic information sources for visual arts and architecture	C	0.00	895.00	895.00	MU is recipient
FA	VZ09020	Electronic information resources for literatures in English	C	0.00	1,394.00	1,394.00	MU is recipient
<b>2B Healthy and high-quality life (2006–2011)</b>							
FSci	2B06007	Bumblebees as an active element of country biodiversity	C	0.00	625.00	625.00	MU is co-recipient
FI	2B06052	Identification of markers, screening and time diagnostics of neoplasia with the help of highly automated processing of multidimensional biomedical pictures	C	0.00	4,984.00	4,984.00	MU is coordinating recipient
FSci	2B06053	New procedures in the characterization and identification of probiotic bacteria strains suitable for functional foodstuffs	C	0.00	1,209.00	1,209.00	MU is coordinating recipient
FSci	2B06056	Diagnostics of DNA damage by polyaromatic compounds using nanotechnology and bioanalysis methods for early detection of a carcinoma.	C	0.00	1,345.00	1,345.00	MU is coordinating recipient





Cost centre	Code	Name	Source	Capital	Non-capital	Total	Note
FMed	2B06058	Safe biotechnology of allotransplanted hematopoietic stem cells with selected solid and hematologic tumours as adoptive immunotherapy	C	0.00	11,480.00	11,480.00	MU is recipient
FMed	2B06060	More efficient diagnostics and treatment of the gastroesophageal reflux disease of the oesophagus	C	0.00	3,743.00	3,743.00	MU is coordinating recipient
FSS	2B06126	Landscape character as a key feature of the Czech cultural landscape and its protection	C	0.00	679.00	679.00	MU is co-recipient
FMed	2B06130	Synthesis of new biomaterials and preparation of stem cell derived cells, and their applications in for the treatment of diseases affecting human tissues derived from mesoderm: cartilage, bone, ligament and meniscus	C	0.00	2,441.00	2,441.00	MU is coordinating recipient
FSci	2B08035	Bioelectronic language to determine wine quality.	C	0.00	4,182.00	4,182.00	MU is recipient
FSci	2B08036	New molecularly biological and biochemical methods for monitoring of estrogens and other chemical endocrine disruptors	C	0.00	1,123.00	1,123.00	MU is coordinating recipient
FSci	2B08060	Development in the diagnostics and treatment of serious diseases of the heart and arteries with the help of genomic and epigenomic approaches	C	0.00	950.00	950.00	MU is co-recipient
FSci	2B08068	Research in the possibility of application of automated and semi-automated methods for identification and characterization of new bacteria strains having probiotic properties with the aim of expanding specific genetic sources for the prevention of civilization diseases.	C	61.00	1,070.00	1,131.00	MU is co-recipient
<b>2C Information technology for the knowledge society (2006–2011)</b>							
FI	2C06009	Complex knowledge base tools for natural language communication with the semantic web	C	0.00	1,750.00	1,750.00	MU is co-recipient.
<b>2D Social and economic development of Czech society (2006–2011)</b>							
FSS	2D06002	Migrants in the Czech Republic – their position on the labour market and social integration	C	0.00	166.00	166.00	MU is co-recipient.
FSS	2D06009	New social risks of the Czech labour market and the needs of its political regulation reform after EU admission	C	0.00	1,323.00	1,323.00	MU is recipient
<b>2E Human resources (2006–2011)</b>							
FSci	2E08026	Development and pilot testing of the methodology for creating and use of didactic means promoting technical disciplines and research in the teaching at elementary schools	C	0.00	1,903.00	1,903.00	MU is recipient
FSci	2E08028	Visualization of medical data for the support of interdisciplinary education and relationships with the public	C	0.00	1,011.00	1,011.00	MU is recipient
<b>1M Research centres</b>							
FEA	1M0524	Centre for research of competitive ability of the Czech economy	C	0.00	19,602.00	19,602.00	MU is recipient
FMed	1M0528	Stomatological research centre	C	0.00	22,974.00	22,974.00	MU is recipient
FI	1M0545	Institute for theoretical computer science	C	0.00	4,371.00	4,371.00	MU is co-recipient.
FSci	1M06005	Integration research centre of inorganic composites	C	0.00	827.00	827.00	MU is co-recipient.
FMed	1M06039	Centre for neuropsychiatric research of traumatic stress	C	0.00	1,334.00	1,334.00	MU is co-recipient.
<b>LC Primary Research Centres</b>							
FSci	LC505	Eduard Čech Centre for algebra and geometry	C	0.00	1,533.00	1,533.00	MU is recipient/coordinator
FSci	LC522	Ichthyoparasitology	C	0.00	3,730.00	3,730.00	MU is recipient/coordinator
FI	LC535	Dynamics and organisation of chromosomes during the cell cycle in normal and pathological states	C	0.00	1,929.00	1,929.00	MU is recipient
FI	LC536	Centre of computation linguistics	C	0.00	2,330.00	2,330.00	MU is recipient
FA	LC544	Research of functions of technology in the creation and practising of musical arts	C	0.00	693.00	693.00	MU is recipient
FA	LC546	Research centre for the development of Old and Middle Czech (from ancient roots to the contemporary state)	C	0.00	1,337.00	1,337.00	MU is recipient
FI	LC06008	Centre of computer graphics	C	0.00	1,695.00	1,695.00	MU is recipient
FSci	LC06010	Centre of biocatalysis and biotransformations	C	0.00	4,165.00	4,165.00	MU is recipient
FSci	LC06023	Integrated bioanalytical technologies for microanalyses and diagnostics with application of LIF and mass spectrometry	C	0.00	2,400.00	2,400.00	MU is recipient/coordinator
FSci	LC06024	Jaroslav Hájek Centre for theoretical and applied statistics	C	0.00	1,180.00	1,180.00	MU is recipient/coordinator
FMed	LC06027	University Research Centre – Czech Myeloma Group (URC – CMG)	C	0.00	3,741.00	3,741.00	MU is recipient/coordinator
FSci	LC06030	Biomolecular centre	C	0.00	3,987.00	3,987.00	MU is recipient/coordinator
FSci	LC06034	Regulation of morphogenesis of plant cells and organs	C	0.00	5,904.00	5,904.00	MU is recipient
FSci	LC06035	Centre of biophysical chemistry, bioelectrochemistry and bioanalysis. New tools for genomics, proteomics and biomedicine.	C	0.00	1,119.00	1,119.00	MU is recipient
FEdu	LC06046	Centre for basic research of school education	C	0.00	2,664.00	2,664.00	MU is recipient
FSci	LC06073	Centre for biodiversity research	C	0.00	1,720.00	1,720.00	MU is recipient
FMed	LC06077	Centre of chemical genetics	C	0.00	3,954.00	3,954.00	MU is recipient

Cost centre	Code	Name	Source	Capital	Non-capital	Total	Note
<b>OC COST</b>							
FSci	OC164	Multi-level modelling structures and properties of intermetallic phases	C	0.00	500.00	500.00	MU is recipient
FSci	OC174	Use of extended electrochemical methods for the study of electrochemical and bioelectrochemical processes at the interphase electrode/electrolyte	C	0.00	200.00	200.00	MU is recipient
FSci	OC09010	Thermodynamic and phase diagram studies of systems for high temperature lead-free solders	C	0.00	500.00	500.00	MU is recipient
<b>LA INGO</b>							
FSci	LA08008	Structural study of interactions between protein and damaged RNA	C	0.00	611.00	611.00	MU is recipient
FI	LA09016	Participation in the European Research Consortium for Informatics and Mathematics (ERCIM)	C	0.00	510.00	510.00	MU is recipient
FSci	LA09046	Membership in the European Polar Board and European Polar Consortium (EPB, EPC) and associated member duties	C	0.00	929.00	929.00	MU is recipient
<b>ME KONTAKT</b>							
FSci	ME891	Conditions for second order optimality for optimization problems	C	0.00	82.00	82.00	MU is recipient
FSci	ME945	Multi-disciplinary research of the Antarctic terrestrial vegetation within the framework of IPY	C	0.00	1,775.00	1,775.00	MU is recipient
FSci	MEB020828	Analysis of coupling and recombination of homeologous chromosomes with (paleo)polyploid species of (Brassicaceae)	C	0.00	49.65	49.65	MU is recipient
FSci	MEB040914	Electrochemical biosensing with enzymes, antibodies and cells based on scanning probe microscopies	C	0.00	100.00	100.00	MU is recipient
FSci	MEB050819	Binarity – a tool for studies of stellar characteristics	C	0.00	74.00	74.00	MU is recipient
FSci	MEB060807	Magnetic stars – laboratories of stellar physics	C	0.00	65.00	65.00	MU is recipient
FSci	MEB060810	Variability of the climate and hydrometeorological extremes in the pre-instrumental period	C	0.00	82.00	82.00	MU is recipient
FSci	MEB060915	High temperature titanium-aluminium alloys for aeroengines	C	0.00	52.00	52.00	MU is recipient
FSci	MEB0808100	Preparation of carbon nanostructures using CVD methods and their characterization	C	0.00	32.84	32.84	MU is recipient
FSci	MEB080832	Distribution of energy in spectra of chemically peculiar stars and its variability	C	0.00	33.24	33.24	MU is recipient
FSci	ME08002	Use of laser induced breakdown spectroscopy (LIBS) and laser ablation in connection with ICP-OES/MS spectroscopy for chemical mapping of biominerals	C	0.00	400.00	400.00	MU is recipient
FSci	ME08008	Development of antibacterial and antiviral medicines based on carbohydrates and glycomimetics	C	0.00	480.00	480.00	MU is recipient
FSci	ME08038	Photometric research of selected eclipsing binaries	C	0.00	95.00	95.00	MU is recipient
FSci	ME09021	New photoactivatable systems for biological studies	C	0.00	525.00	525.00	MU is recipient
FSci	ME09065	Research of new detection systems based on sensor arrays for application in speciation analysis	C	0.00	450.00	450.00	MU is recipient
Total				136.00	143,173.73	143,309.73	

Table 3.4 List of research projects funded by the Czech Science Foundation (*in thou. CZK*)

Cost centre	Code	Name	Source	Capital	Non-capital	Total
FSci	GD104/09/H080	Plasmachemical processes and their technological applications	B	0	5,035	5,035
FSci	GD204/08/H054	Molecular mechanisms of cell proliferation and differentiation	B	0	4,293	4,293
FSci	GD204/09/H058	Inter cellular signalling in development and disease	B	0	3,004	3,004
FSci	GD526/09/H025	Evolutionary ecological analysis of communities and populations	B	0	2,491	2,491
FSci	GD201/09/H012	Algebraic and geometric methods and structures	B	0	2,318	2,318
FA	GD404/09/H020	Moravian-Silesian School of Archaeological Studies II	B	0	2,457	2,457
FSci	GA310/09/0459	Role of bacteriophages in horizontal transfer of virulence and drug resistance genes in <i>Staphylococcus aureus</i>	B	635	1,355	1,990
FSci	GA205/09/1297	Multilevel analysis of the urban and suburban climate taking medium-sized towns as an example	B	0	1,971	1,971
FSci	GA206/08/0389	Current and historic changes of mountain peat bogs in the Sudeten mountains	B	0	1,944	1,944
FMed	GA310/07/0321	Comparative genome sequencing of pathogenic treponemas and transcriptomic analysis of <i>T. pallidum</i> ssp. <i>pallidum</i>	B	0	1,847	1,847
FSci	GA205/09/1437	Cartographic visualization of agricultural sensor based information (AgriSensor)	B	0	1,631	1,631
FSS	GA403/08/0542	Class structure and social mobility in the Czech Republic 1989–2009	B	0	1,617	1,617
FSci	GA101/08/1100	Study of interactions of cooling media under high temperatures with construction materials of heat exchangers using plasma spectrometry methods	B	0	1,588	1,588
FSci	GA524/07/0188	The role of immune investment in the context of trade-offs: immuno-ecological study of the relationships among reproduction, immunity and parasitism	B	0	1,544	1,544
FSci	GA521/09/1699	Immunomodulation as a functional proteomics tool for cytokinin signalling study in <i>Arabidopsis thaliana</i>	B	541	1,000	1,541

Note:  
A total amount of 125,661 thousand CZK was supplied by the Czech Science Foundation, of which 124,000 thousand CZK in non-capital and 1,661 thousand CZK in capital funding.  
The following projects were included in the table:  
1. projects listing MU as recipient  
2. projects receiving a minimum subsidy of 1,300 thousand CZK in 2009.



Cost centre	Code	Name	Source	Capita	Non-capital	Total
FSci	GA206/09/0329	Vegetation of the Czech Republic: completion of the national survey of plant communities	B	0	1,520	1,520
FSci	GD202/08/H072	Mathematical structures in theoretical physics	B	0	1,473	1,473
FMed	GA301/09/1324	Function of the central domain of oncoprotein Mdm2 and its novel binding partners in the regulation of p53 tumour suppressor protein	B	0	1,442	1,442
FI	GA201/09/0683	Similarity searching in very large multimedia databases	B	0	1,440	1,440
FSci	GA521/07/0284	Molecular and cytogenetic analysis of the giant genomes of <i>Fritillaria</i> (Liliaceae)	B	0	1,439	1,439
FA	GA405/07/0652	Integration in languages – languages in integration	B	0	1,425	1,425
FSci	GA204/09/0498	Dynamics of proteins interacting with Dishevelled and their importance for Wnt signalling	B	0	1,379	1,379
FSci	GA206/09/1405	Genome size and karyotype evolution in Cyperaceae	B	0	1,350	1,350
FSci	GA202/07/1669	Deposition of thermomechanically stable nanostructured diamond-like thin layers in two-frequency capacitive discharges	B	0	1,306	1,306
Total				1,176	46,869	48,045

Table 3.5 List of research projects of the EU (in thou. CZK)

Cost centre	Name	Source	Capital	Non-capital	Total
FMed	European human embryonic stem cell registry	A		13.00	13.00
FMed	Biotechnology ethics: deepening by research, broadening to future applications and new EU members, mediating education to young scientists	A		25.00	25.00
FMed	Pathophysiology and natural course of patients with primary antibody deficiencies (PAD)	A		27.00	27.00
FSS	Reconciling work and welfare in Europe	A		3.00	3.00
FSS	Ethnic differences in education and diverging prospects for urban youth in an enlarged Europe	A		643.00	643.00
FSS	Meeting the challenges of economic uncertainty and sustainability through employment, industrial relations, social and environmental policies in European countries	A		309.00	309.00
FSS	Processes influencing democratic ownership and participation	A		948.00	948.00
FSci	Functional genomic characterization of molecular determinants for staphylococcal fitness, virulence and drug resistance	A		843.00	843.00
FSci	Integrated project to evaluate the impacts of global change on European freshwater ecosystems	A		145.00	145.00
FSci	European climate of the last millennium	A		643.00	643.00
FSci	Multifunctional nanomaterials characterization exploiting ellipsometry and polarimetry	A		622.00	622.00
FSci	Program developing interdisciplinary research potential for the studies of biomolecular interactions	A		2,544.00	2,544.00
FSci	Enhancing access and services to east European users towards an efficient and coordinated pan-European pool of NMR capacities to enable global collaborative research & boost technological advancements	A		2,900.00	2,900.00
FSci	Contaminant-specific isotope analyses as sharp environmental-forensics tools for site characterization, monitoring and source apportionment of pollutants in soil	A		3,566.00	3,566.00
FSci	Development of rehabilitation technologies and approaches for multipres-sured degraded waters and the integration of their impact on river basin management	A		1,980.00	1,980.00
FSci	Arctic health risks: impacts on health in the arctic and Europe owing to climate-induced in contaminant cycling	A		1,916.00	1,916.00
FSci	Researcher's night 2009 in the Czech republic	A		169.00	169.00
FSci	EMBO Young Investigator Programme (no title) Štefl	A		1,161.00	1,161.00
FSci	EMBO Young Investigator Programme (no title) Vaňáčová	A		1,606.00	1,606.00
FSci	EMBO Young Investigator Programme (no title) Bryja	A	87.00	1,432.00	1,519.00
FSci	Inventory, monitoring and analysis of obsolete pesticides in Armenia for environmentally sound disposal	A		419.00	419.00
FSci	Equational theory of regular languages	A		137.00	137.00
FI	The future of identity in the information society	A		1,396.00	1,396.00
FI	Scalable modelling and analysis techniques to study emergent cell behaviour – understanding the E. coli stress response	A		236.00	236.00
FI	Search on audio-visual content using peer-to-peer information retrieval	A		789.00	789.00
FI	Privacy and identity management for community services	A		923.00	923.00
FSpS	Tackling the social and economic determinants of nutrition and physical activity for the prevention of obesity in Europe	A		525.00	525.00
RMU	Maximizing synergies for central European biotech research infrastructures	A		1,050.00	1,050.00
Total			87.00	26,970.00	27,057.00

Note:

A total amount of 29,988 thousand CZK was secured from EU funds, of which 29,901 thousand CZK in non-capital and 87 thousand CZK in capital funding.

The table lists projects which received a minimum subsidy of 100 thousand CZK in 2009.



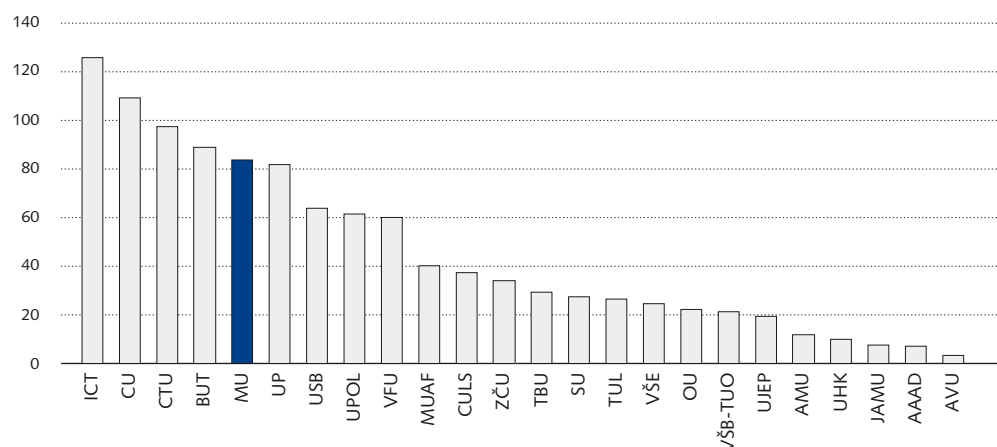
Table 3.6 Number of students in doctoral degree programmes at MU

Faculty	Full-time	Combined	Total
FLaw	61	116	177
FMed	314	522	836
FSci	531	270	801
FA	308	454	762
FEdu	93	101	194
FEA	57	106	163
FI	83	19	102
FSS	154	118	272
FSpS	30	64	94
MU	1,631	1,770	3,401

Table 3.7 Development of the number of students in doctoral degree programmes by faculty

	2004	2005	2006	2007	2008	2009
FLaw	127	126	145	150	154	177
FMed	645	719	781	789	830	836
FSci	700	712	747	776	810	801
FA	703	665	703	714	707	762
FEdu	146	168	177	176	193	194
FEA	196	187	188	173	176	163
FI	76	77	79	81	93	102
FSS	247	282	271	252	244	272
FSpS	70	84	76	84	82	94
Total	2,910	3,020	3,167	3,195	3,289	3,401

R&D results achieved by a public university per academic staff workload  
(according to the R&D results evaluation methodology for 2009 and UIV data)



Key:

- AMU Academy of Performing Arts
- AVU Academy of Fine Arts
- BUT Brno University of Technology
- CTU Czech Technical University
- CU Charles University
- CULS Czech University of Life Sciences Prague
- ICT Institute of Chemical Technology
- JAMU Janáček Academy of Music and Performing Arts
- MU Masaryk University
- MUAF Mendel University of Agriculture and Forestry
- SU Silesian University
- TBU Tomas Bata University in Zlín
- TUL Technical University of Liberec
- UHK University of Hradec Králové
- UJEP Jan Evangelista Purkyně University
- UO University of Ostrava
- UP University of Pardubice
- UPOL Palacký University in Olomouc
- USB University of South Bohemia
- VFU University of Veterinary and Pharmaceutical Science
- VŠB-TUO VŠB – Technical University of Ostrava
- VŠE University of Economics
- AAAD Academy of Arts, Architecture and Design
- ZČU University of West Bohemia

Table 3.8 Age structure of MU academic staff

Age	Academic staff										Research workers	
	Professors		Associate Professors		Assistant Professors		Instructors		Lecturers			
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
under 29 years	—	—	—	—	33	20	139	85	18	11	13	8
30–39 years	1	46	4	436	128	165	86	59	34	46	9	9
40–49 years	3	92	25	226	116	40	28	45	26	14	7	7
50–59 years	13	127	35	162	84	28	23	41	26	3	1	1
60–69 years	20	100	31	43	25	18	8	18	3	6	0	0
over 70 years	5	19	4	8	2	2	—	—	—	7	0	0
Total	264	42	384	99	908	375	392	230	181	100	89	25

Table 3.9 Academic staff numbers at MU in 2009

Full/part-time employment	Total	Professor	Associate Professor	DrSc., CSc., Dr., PhD, Th.D.	Other
Up to 30%	558	36	47	239	475
Up to 50%	220	30	27	123	163
Up to 70%	79	17	20	59	42
Up to 100%	1,361	181	290	677	890

Note:  
Only the highest academic title is listed. In the case of, for example, Prof. XX, CSc. data should be included in both the Prof. and CSc. Columns.  
E.g. Prof. XX, DrSc. is listed as Professor; Assoc. Prof. XX, DrSc. is listed as Associate Professor, etc.



Table 3.10 Academic employees structure by faculty

Faculty	Professors	Associate Professors	Assistant Professor	Instructors	Lecturers	Research workers
FLaw	16	24	42	12	2	1
FMed	97	100	421	179	3	3
FSci	61	96	68	1	38	61
FA	38	47	125	39	33	13
FEdu	12	52	113	67	19	0
FEA	11	18	38	41	9	0
FI	13	13	23	0	6	5
FSS	13	17	41	18	9	6
FSpS	3	14	19	24	29	0
Total	264	381	890	381	148	89

Table 3.11 Structure of academic staff – full-time equivalent employees\*

Academic staff						Research workers
Professors	Associate Professors	Assistant Professors	Instructors	Lecturers	Total	
205.606	320.043	564.394	224.227	156.426	1,470.696	74.164

Table 3.12 Number of newly appointed professors and associate professors in 2009

	Number	Mean age
Professors appointed in 2009	19	50
Associate professors appointed in 2009	42	41

Table 3.13 List of further education courses for academic staff

Courses focusing of pedagogical skills	Courses focusing on general skills	Special courses	Total
12	7	76	95

Table 3.14 List of participant numbers in further education courses for academic staff

Courses focusing of pedagogical skills	Courses focusing on general skills	Special courses	Total
280	68	684	1,032

*Pedagogical skills (the use of various instructions methods, e.g. ICT, use and suitability of different instruction methods, presentation of subjects and study objectives, motivating students and the use of activating methods in teaching, work with different groups of students, teaching styles etc.)*

*General skills (communication skills – e.g.: importance of communication in teaching/studies, verbal and non-verbal communication, communication interference, distortion of information, communication strategies, suitable communication methods and tactics, appropriate communication channel choice; presentation – use and suitability of various presentation techniques: teamwork, project management, managerial skills, computer skills, foreign language skills, etc.)*

*Professional courses – courses focusing on increasing of one's own professional skills, development of special knowledge specific for a given technical focus, etc*

Table 3.15 Publication activity in research in 2009

Faculty	Monographs		Original work in proceedings		Original work in periodicals		Other original work		Textbooks and study texts	Patents	Total
	CR	abroad	CR	abroad	CR	abroad	CR	abroad			
FLaw	81	4	389	22	397	6	126	24	24	—	1,073
FMed	42	5	446	133	970	160	220	36	20	—	2,032
FSci	31	4	399	197	366	433	49	43	8	8	1,538
FA	99	10	259	38	419	52	205	38	5	—	1,125
FEdu	63	7	479	82	245	15	213	31	92	—	1,227
FEA	20	2	249	36	84	6	62	11	9	—	479
FI	6	5	90	99	38	32	9	9	—	—	288
FSS	34	7	63	13	219	16	79	52	—	—	483
FSpS	12	1	66	10	70	1	22	3	8	—	193
MU	388	45	2,440	630	2,808	721	985	247	166	8	8,438

Table 3.16 Recognition by the academic community

Faculty	Memberships on boards of grant agencies	International conferences organised	Awards for academic and artistic activities
FLaw			
FMed	1	14	1
FSci	1	11	0
FA	2	12	0
FEdu	11	45	10
FEA	0	7	0
FI	2	4	1
FSS	2	13	0
FSpS	0	0	0
Total	22	120	14

## 4. The University and Links to Society

Table 4.1 Number and structure of publications issued 2007–2009

Faculty	2007			2008			2009		
	Study texts	Scholarly publications	Total	Study texts	Scholarly publications	Total	Study texts	Scholarly publications	Total
FLaw	21	17	38	32	12	44	22	17	39
FMed	29	8	37	15	7	22	15	8	23
FSci	22	16	38	12	15	27	23	14	37
FA	27	40	67	21	30	51	30	40	70
FEdu	34	30	64	25	28	53	36	34	70
FEA	26	17	43	12	14	26	16	14	30
FI	1	2	3	1	3	4	2	3	5
FSS	1	2	3	1	4	5	1	4	5
FSpS	5	6	11	5	7	12	5	6	11
RMU	8	24	32	5	23	28	5	44	49
Total	174	162	336	129	143	272	155	184	339

## 5. Development Activities and Support Processes

Table 5.1 Employee numbers at MU 2004–2009

	2004	2005	2006	2007	2008	2009
<b>Physical numbers:</b>						
Academic staff	1,703	1,820	1,932	2,015	2,088	2,218
Non-academic staff	1,735	2,061	2,198	2,226	2,231	2,355
Total	3,438	3,881	4,130	4,241	4,319	4,573
<b>Full-time equivalent employees:</b>						
Academic staff	1,249.0	1,318.1	1,395.1	1,455.3	1,490.1	1,544.9
Non-academic staff	1,414.4	1,613.6	1,731.5	1,800.0	1,786.7	1,851.7
Total	2,663.3	2,931.7	3,126.6	3,255.3	3,276.8	3,396.6

Employee numbers at MU

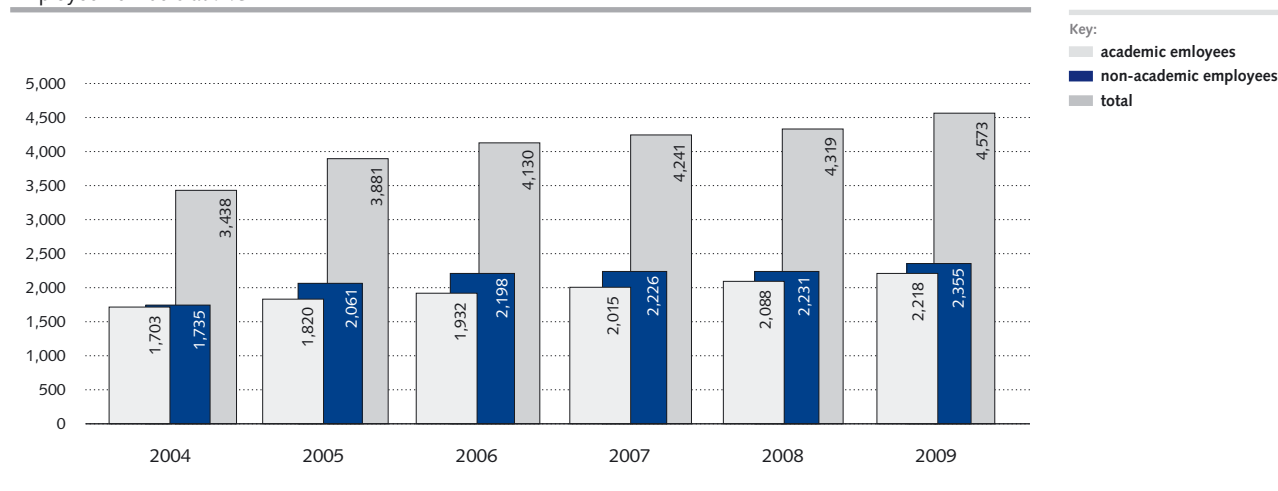






Table 5.2 Employee numbers at MU by faculty

Faculty	Physical numbers		Full-time equivalent employees	
	academic staff	Non-academic staff	academic staff	Non-academic staff
FLaw	97	59	85.79	56.45
FMed	803	413	311.79	243.85
FSci	325	530	275.68	392.57
FA	295	187	261.37	152.45
FEdu	263	108	224.10	99.14
FEA	117	67	97.05	57.82
FI	60	145	54.59	114.31
FSS	104	132	95.99	103.30
FSpS	89	45	76.96	41.68
Total	2,153	1,686	1,483.30	1,261.57

Table 5.3 Mean salaries of academic and non-academic staff at MU 2004–2009

	2004	2005	2006	2007	2008	2009
Academic staff	33,000	38,336	39,777	42,588	44,348	45,706
Non-academic staff	20,187	22,563	24,185	26,044	28,951	30,570
Total	26,206	29,650	31,139	33,433	35,948	37,455

Table 5.4 Non-capital funding for teaching activities (in thou. CZK)

	2004	2005	2006	2007	2008	2009
<b>Total</b>	1,468,685	1,629,259	1,879,882	2,043,469	2,170,529	2,324,139
<b>Ministry of Education, Youth and Sports</b>	1,442,017	1,577,118	1,824,463	1,978,139	2,125,682	2,219,119
of which: teaching activities	1,388,100	1,534,797	1,807,320	1,958,461	2,099,479	2,193,469
accommodation and catering services	52,352	41,768	16,674	18,415	25,544	24,905
other	1,565	553	469	1,263	659	745
<b>Other state budget sources, local and regional governments</b>	1,245	3,910	6,246	2,806	5,892	6,844
<b>International and other</b>	25,423	48,231	49,172	62,524	38,955	98,176

Table 5.5 Non-capital funding for research and development (in thou. CZK)

	2004	2005	2006	2007	2008	2009
<b>Total</b>	361,898	560,513	632,483	720,335	777,167	877,720
<b>Ministry of Education, Youth and Sports</b>	253,183	413,861	473,659	561,920	584,104	625,895
of which: targeted research	98,014	99,469	112,915	119,959	121,970	132,462
research plans	115,733	255,378	256,394	319,057	319,970	358,841
other targeted funding for R&D	39,436	59,014	104,350	122,904	142,164	134,592
<b>Other state budget sources, local and regional governments</b>	91,192	120,869	130,979	145,781	153,662	221,924
<b>International and other</b>	17,523	25,783	27,845	12,635	39,401	29,901

Table 5.6 Total non-capital revenues of MU (in thou. CZK)

	2004	2005	2006	2007	2008	2009
<b>Total</b>	2,232,106	2,675,666	3,174,473	3,666,764	3,944,582	4,297,785
per student*	73.14	80.72	87.54	92.48	94.65	97.86

Poznámka:

\* Bachelor's, Master's, PhD

Table 5.7 MU supplementary and self-generated income (in thou. CZK)

	2004	2005	2006	2007	2008	2009
Supplementary activity	86,713	85,040	94,936	109,785	124,116	130,883
Self-generated income	316,865	410,686	573,895	796,381	875,302	972,960
<b>Total</b>	403,578	495,726	668,831	906,166	999,418	1,103,843
Number of employees	2,663	2,932	3,127	3,255	3,277	3,397
MU supplementary and self-generated income	151.53	169.09	213.91	278.36	304.99	324.98

Table 5.8 Intangible and tangible assets: purchase value (in thou. CZK)

	2005	2006	2007	2008	2009
Intangible assets	76,993	95,201	98,400	107,917	111,961
Tangible assets	5,686,207	6,115,848	7,840,435	8,247,074	8,976,632
<b>Total</b>	5,763,200	6,211,049	7,938,835	8,354,991	9,088,592

Table 5.9 Depreciation of tangible and intangible assets (in %)

	2005	2006	2007	2008	2009
Intangible assets	79.85%	68.10%	76.49%	82.12%	82.58%
Tangible assets	32.71%	31.66%	26.66%	28.05%	28.49%
<b>Total</b>	33.33%	32.22%	27.27%	28.75%	29.16%

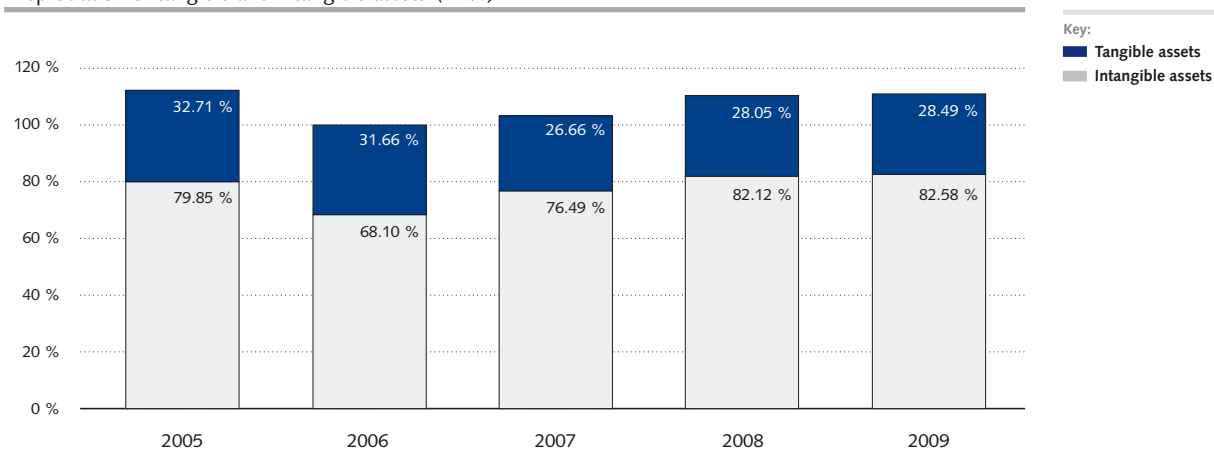
Table 5.10 Immovable and movable assets: purchase value (in thou. CZK)

	2005	2006	2007	2008	2009
Immovable assets	3,711,253	3,919,030	5,347,738	5,625,422	6,208,788
Movable assets	1,974,954	2,196,763	2,492,697	2,621,652	2,767,844
Total	5,686,207	6,115,793	7,840,435	8,247,074	8,976,632

Table 5.11 Depreciation of immovable and movable assets (in %)

	2005	2006	2007	2008	2009
Immovable assets	12,86%	13,60%	11,14%	12,01%	12,26%
Movable assets	70,00%	63,89%	59,95%	62,47%	64,91%
Total	32,71%	31,66%	26,66%	28,05%	28,49%

## Depreciation of tangible and intangible assets (in %)



## Depreciation of immovable and movable assets (in %)

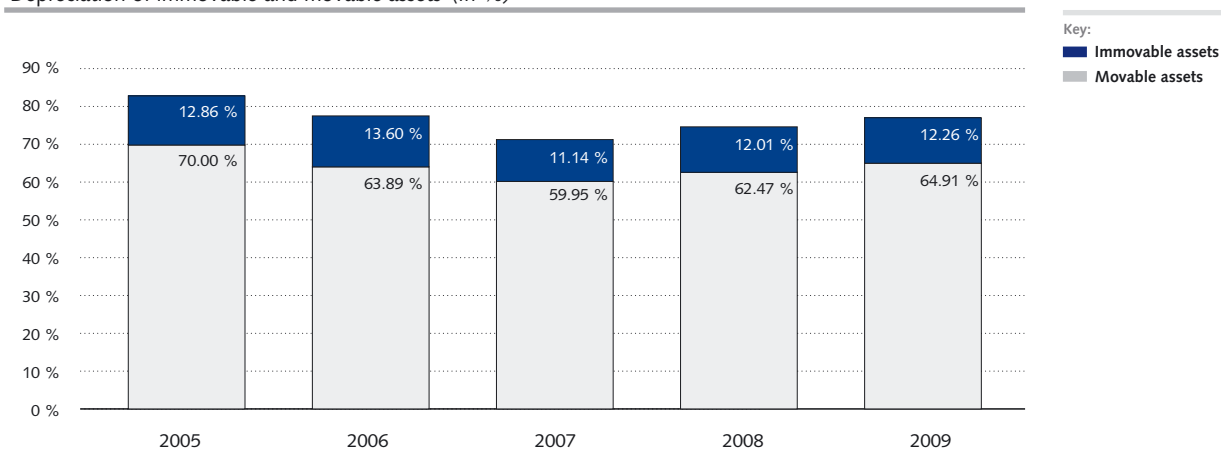


Table 5.12 Involvement in Development Programmes in 2009

Development programmes	Number of accepted projects	Provided funds in thou. CZK		
		Capital	Current	Total
Programme for equipment and modern technologies development	2	28,750	21,831	50,581
Programme for the support of implementation of the national qualification system at individual universities	1	0	1,498	1,498
Programme for the support of evaluation by curricula restructuring and innovation	1	0	2,000	2,000
Programme for promoting two-way student and university staff mobility	4	0	22,478	22,478
Programme for the preparation of operational programme projects	1	0	18,433	18,433
Programme for the support of socially and economically disadvantaged as well as disabled young people prior to, during and following their studies	3	0	2,797	2,797
Programme for the support of talented students and graduates immediately after graduation	2	0	5,889	5,889
Programme for the support of lifelong learning for seniors	1	0	3,000	3,000
Programme for removal of weaknesses of a university	7	2,950	20,114	23,064
Centralized development projects (MU as a coordinator)	4	7,984	5,688	13,672
Centralized development projects (MU as a partner)	4	2,131	6,540	8,671
Centralized development projects (separate for universities)	1	170	15,680	15,850
Total	31	41,985	125,948	167,933

Note:  
Human Resources Development Operational Programme:  
– Priority axis 3.1. – Improvement of quality and efficiency of the system of education and training  
– Priority axis 3.2. – Support of higher education, research and development  
– standard funding

Table 5.13 MU involvement in programmes funded from EU Structural Funds

Education for Competitiveness Operational Programme										
No.	Project registration No.	Measure (name)	Code	Project name	Implementation		Total budget (thou. CZK)	Funds drawn in 2009 (CZK)		Total funds drawn in 2009 (thou. CZK)
					Start date	End date		Non-capital	Capital	Total
MEYS:										
1	CZ.1.07/2.2.00/07.0012	2.2.	2008	Tertiary education of quality management and IT services	1.6.2009	31.5.2012	10,232.60	1,245,948.08	0.00	1,245,948.08
2	CZ.1.07/2.2.00/07.0022	2.2.	3421, 4204	Centre for support of medical education in the area of medical imaging	1.8.2009	31.7.2012	17,904.79	4,763,039.08	892,500.00	5,655,539.08
3	CZ.1.07/2.2.00/07.0032	2.2.	0002	Innovation of the study of religions field of study at MU, focusing on the cultures of China and Japan	1.6.2009	31.5.2012	7,119.04	1,866,080.99	0.00	1,866,080.99
4	CZ.1.07/2.2.00/07.0058	2.2.	0001	Softskills in the Information and Library Studies programme – supporting graduate opportunities	1.5.2009	10.5.2012	4,145.85	692,889.83	0.00	692,889.83
5	CZ.1.07/2.2.00/07.0133	2.2.	4321	Universal learning design – innovation in interpreting and communication services	1.6.2009	31.5.2012	17,807.20	2,127,823.71	0.00	2,127,823.71
6	CZ.1.07/2.2.00/07.0160	2.2.	5502	Support of teaching practice of special education students with focus on implementation of school Educational programmes in special schools	1.6.2009	31.5.2012	5,941.45	967,251.97	0.00	967,251.97
7	CZ.1.07/2.2.00/07.0318	2.2.	2009	Multidisciplinary innovation of study in computational biology	1.5.2009	30.4.2012	8,696.13	1,348,531.78	0.00	1,348,531.78
8	CZ.1.07/2.2.00/07.0429	2.2.	0782	Modular structure of the studies focused on experimental biology	1.7.2009	30.6.2012	17,347.63	2,420,307.38	0.00	2,420,307.38
9	CZ.1.07/2.2.00/07.0436	2.2.	0646	Innovation of chemistry education at the Faculty of Science at MU	1.5.2009	30.4.2012	17,360.72	2,504,089.76	0.00	2,504,089.76
10	CZ.1.07/2.2.00/07.0442	2.2.	1195	Competences in language education at Masaryk University – COMPACT	19.5.2009	18.5.2012	14,543.75	2,531,886.25	0.00	2,531,886.25
11	CZ.1.07/2.2.00/07.0447	2.2.	56/1195	Innovation of Bachelor's and Master's programs at the Faculty of Economics and Administration at MU	1.6.2009	31.5.2012	9,105.86	1,645,183.23	0.00	1,645,183.23
12	CZ.1.07/2.2.00/07.0452	2.2.	0212	Innovation for practice POL	1.7.2009	31.5.2012	7,922.65	1,182,938.40	0.00	1,182,938.40
13	CZ.1.07/2.2.00/07.0453	2.2.	1196	Innovation of doctoral degree programmes at the Faculty of Economics and Administration at MU	1.6.2009	31.5.2012	14,369.95	1,088,927.85	0.00	1,088,927.85
14	CZ.1.07/2.2.00/07.0456	2.2.	0211	Incubator of green business plans	1.5.2009	31.3.2012	5,388.36	498,030.09	0.00	498,030.09
15	CZ.1.07/2.2.00/07.0457	2.2.	1151	Innovation of Master's degree programmes at the Faculty of Informatics at MU	1.6.2009	31.5.2012	14,210.66	2,346,377.37	0.00	2,346,377.37
16	CZ.1.07/2.2.00/07.0458	2.2.	0213	Innovation for praxis – Journalism	1.7.2009	10.3.2012	16,886.46	4,112,770.82	458,351.10	4,571,121.92
17	CZ.1.07/2.2.00/07.0464	2.2.	1150	Innovation of the Bioinformatics Bachelor's and Master's field of study to include system and computational biology	1.6.2009	31.5.2012	4,828.29	812,030.92	0.00	812,030.92
18	CZ.1.07/2.2.00/07.0468	2.2.	1152	Educational system for innovating degree programmes with IT support (IS POINT MU)	1.6.2009	31.5.2012	13,318.28	1,779,629.90	0.00	1,779,629.90
19	CZ.1.07/2.2.00/07.0471	2.2.	0701	Extending and innovating university education in the areas of law and technology	1.6.2009	31.12.2011	9,377.46	1,844,901.10	0.00	1,844,901.10
Priority axis 2.2 total							216,507.13	35,778,638.51	1,350,851.10	37,129,489.61
20	CZ.1.07/2.3.00/09.0074	2.3.	4402	Education of academic workers in elnfrastuctures	1.7.2009	31.5.2012	5,332.98	839,561.51	0.00	839,561.51
21	CZ.1.07/2.3.00/09.0116	2.3.	5503	Increasing scientific researchers skills, particularly in the methodological area	1.9.2009	31.8.2012	2,308.16	170,516.73	0.00	170,52
22	CZ.1.07/2.3.00/09.0132	2.3.	7132	Development of team for education, research and applications in functional genomics and proteomics	1.1.2010	31.12.2012	16,423.59	0.00	0.00	0.00
23	CZ.1.07/2.3.00/09.0137	2.3.	0688	Compact training centre in structural biology and biomolecular chemistry	1.9.2009	31.8.2012	10,768.06	1,071,518.58	0.00	1,071.52
24	CZ.1.07/2.3.00/09.0166	2.3.	0003	Further education of workers in the field of philological-area studies	1.8.2009	31.7.2012	3,093.23	278,915.67	0.00	278,92
25	CZ.1.07/2.3.00/09.0167	2.3.	7167	Nanobiotechnologies and biosensor for biointeraction studies – opening up the modern technology to researchers in biology	1.10.2009	30.9.2012	6,305.17	276,088.52	0.00	276.09
26	CZ.1.07/2.3.00/09.0186	2.3.	6002	Mendel centre for education in biology, biomedicine and bioinformatics	1.9.2009	31.8.2012	11,834.64	806,006.23	0.00	806.01
27	CZ.1.07/2.3.00/09.0187	2.3.	0004	Modern methods in archaeological practice training	1.9.2009	31.8.2012	12,501.92	1,331,709.13	1,125,000.00	2,456.71
28	CZ.1.07/2.3.00/09.0189	2.3.	0214	Improvement of the methodological education at FSS MU – qualitative and quantitative research methods	1.7.2009	30.6.2012	8,615.60	2,142,012.05	0.00	2,142.01
29	CZ.1.07/2.3.00/09.0192	2.3.	6201	Comprehensive R&D personnel training in the broader issues of R&D management as an essential element of effective research	1.9.2009	31.3.2012	7,911.37	1,159,780.65	0.00	1,159.78
30	CZ.1.07/2.3.00/09.0193	2.3	6001	R&D personnel training at MU and VFU Brno in endoscopic examination techniques and assisted minimally invasive endoscopic surgery utilizing advanced materials	1.7.2009	30.6.2012	12,352.39	1,899,185.01	1,063,446.36	2,962.63
31	CZ.1.07/2.3.00/09.0199	2.3.	7199	Human potential development for spatially enabled society	1.1.2010	31.12.2012	6,494.75	0.00	0.00	0.00



Education for Competitiveness Operational Programme				Implementation		Total budget (thou. CZK)		Funds drawn in 2009 (CZK)		Total funds drawn in 2009 (thou. CZK)	
No.	Project registration No.	Measure (name)	Code	Project name	Start date	End date		Non-capital	Capital	Total	
<b>Priority axis 2.3 total</b>											
32	CZ.1.07/2.4.00/12.0046	2.4	2017	IKTA partnership and network	1. 1. 2010	31. 12. 2012	103,941.84	9,975,294.08	2,188,446.36	12,163,740.44	12,163.74
33	CZ.1.07/2.4.00/12.0048	2.4	2018	Platform for cooperation in research and education with FI MU in data processing	1. 10. 2010	30. 9. 2013	20,516.74	0.00	0.00	0.00	0.00
34	CZ.1.07/2.4.00/12.0049	2.4	1153	Haemophilia centres	1. 1. 2010	31. 12. 2012	9,982.28	0.00	0.00	0.00	0.00
35	CZ.1.07/2.4.00/12.0053	2.4	0007	Centre of the internet encyclopedia of the history of Brno	1. 1. 2010	31. 12. 2012	28,611.53	0.00	0.00	0.00	0.00
36	CZ.1.07/2.4.00/12.0055	2.4	1197	Masaryk University centre for economic and law studies	1. 1. 2010	31. 12. 2012	9,637.04	0.00	0.00	0.00	0.00
37	CZ.1.07/2.4.00/12.0059	2.4	0005	Partner network for information professionals	1. 11. 2009	31. 10. 2012	7,021.60	193,755.69	0.00	193,755.69	193.76
38	CZ.1.07/2.4.00/12.0060	2.4	0006	National cluster of information literacy – support of partnership, cooperation procedures and knowledge transfer	15. 11. 2009	14. 11. 2012	6,853.98	207,177.82	0.00	207,177.82	207.18
39	CZ.1.07/2.4.00/12.0061	2.4	7061	Educational and contact centre for nanotechnology surfaces modification for industry	5. 1. 2010	4. 1. 2013	15,228.45	0.00	0.00	0.00	0.00
40	CZ.1.07/2.4.00/12.0050	2.4	6003	Standardization and sharing of educational platform among medical faculties in the MEFANET project	1. 11. 2009	31. 10. 2012	27,322.67	8,446,926.54	0.00	8,446,926.54	8,446.93
41	CZ.1.07/2.4.00/12.0054	2.4	6004	The support of effective cooperation of biomedicine disciplines Masaryk University and BUT Brno with the application sector participation	1. 11. 2009	30. 9. 2012	8,422.52	1,515,947.12	0.00	1,515,947.12	1,515.95
<b>Priority axis 2.4 total</b>											
42	CZ.1.07/1.1.00/08.0005	1.1	5505	Creation of methodological materials and methods for teaching English by introducing CLIL in subjects at primary and lower secondary school levels (CLIL in schools)	1. 11. 2009	31. 10. 2012	166,963.30	10,363,807.17	0.00	10,363,807.17	10,363.81
43	CZ.1.07/1.2.00/08.0118	1.2	5504	The raising of study and life prospects of children and youth from social disadvantaged environment	1. 1. 2010	31. 12. 2012	4,886.01	0.00	0.00	0.00	0.00
<b>Priority axis 1 total</b>											
<b>Education for Competitiveness Operational Programme projects total – provider: MEYS</b>											
<b>South Moravian Region:</b>											
44	CZ.1.07/1.3.10/01.0013	1.3	5501	Towards developing key teacher competences by means of a synthesis of natural sciences knowledge with emphasis on realization of the curricular reform	1. 4. 2009	31. 12. 2011	8,622.81	1,576,825.91	0.00	1,576,825.91	1,576.83
<b>Education for Competitiveness Operational Programme projects total – provider: South Moravian Region</b>											
<b>Subsidized partnership:</b>											
45	CZ.1.07/2.2.00/07.0189	2.2	4323	Language handicap elimination for hearing-impaired students via automatic language processing	1. 5. 2009	31. 3. 2012	1,368.13	152,810.68	0.00	152,810.68	152.81
46	CZ.1.07/2.3.00/09.0273	2.2	6301	Innovation of international degree programmes at Brno universities	1. 5. 2009	30. 4. 2012	3,310.89	332,704.40	0.00	332,704.40	332.70
<b>Priority axis 2.2 total</b>											
47	CZ.1.07/2.3.00/09.0046	2.3	7046	Modern biophysical methods: advanced education and training in experimental biology	1. 1. 2010	31. 12. 2012	4,679.02	485,515.08	0.00	485,515.08	485.52
<b>Priority axis 2.3 total</b>											
48	CZ.1.07/2.4.00/12.0011	2.4	0215	Information platform for cultural landscape	1. 1. 2010	31. 12. 2012	5,110.00	0.00	0.00	0.00	0.00
49	CZ.1.07/2.4.00/12.0019	2.4		Partner network for cooperation of universities, research institutes and industry for development of microelectronics and nanotechnologies	1. 3. 2010	28. 2. 2013	3,701.00	0.00	0.00	0.00	0.00
50	CZ.1.07/2.4.00/12.0026	2.4	6302	ChemPoint – scientists in support of applied chemistry	1. 10. 2009	31. 7. 2012	1,199.78	15,292.00	0.00	15,292.00	15.29
51	CZ.1.07/2.4.00/12.0036	2.4		Platform for architectural preservation, restoration and rehabilitation	1. 1. 2010	31. 12. 2012	863.29	0.00	0.00	0.00	0.00
<b>Priority axis 2.4 total</b>											
<b>Education for Competitiveness Operational Programme projects total – subsidized partnership</b>											
<b>Education for Competitiveness Operational Programme total</b>											
<b>Cross-border co-operation Czech Republic – Austria</b>											
52	M00108			CoReTech: Cross-border Co-operation in Research and Technology Transfer Support Services	1. 1. 2009	28. 10. 2010	5,000.00				3,703.04
<b>Cross-border co-operation Czech Republic – Austria total</b>											
								5,000.00	0.00	0.00	3,703.04



Table 5.14 Involvement in Higher Education Development Fund (FRVŠ)

Thematic area	Number of accepted projects	Provided funds in thou. CZK		
		capital	current	Total
A	11	17,785	0	17,785
B	0	0	0	0
C	0	0	0	0
D	0	0	0	0
E	0	0	0	0
F	39	0	3,859	3,859
G	15	0	1,889	1,889
Total	65	17,785	5,748	23,533

Table 5.15 Structure of Sources of Programme Financing (mil. CZK)

	Renovation 233 330	UCB construction 233 330	Programme 233 330
MU-loan	0	1,775	1,775
MU	416	393	809
Min. Finance – EIB	581	342	923
Ministry of Education	302	1,929	2,231
Ministry of Education – compensation of exchange rate losses	0	422	422
City of Brno	0	297	297
Total	1,299	5,158	6,457

Table 5.16 Programme Financing Schedule (mil. CZK)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Renovation 233 333	113	250	259	338	136	79	123	0	0	1,298
UCB construction 233 332	15	173	130	616	1,026	906	496	1,207	590	5,159
Programme 233 330	128	423	389	954	1,162	985	619	1,207	590	6,457

Note:  
\*Programme 233 330 Development of the Material and Technical Base of Masaryk University in Brno

Note:  
\*Programme 233 330 Development of the Material and Technical Base of Masaryk University in Brno

## 6. Information Infrastructure

Table 6.1 MU libraries

Faculty/unit	Faculty central libraries	Special libraries	Number of local libraries	Reading room capacity	Acquisition funds (in thou. CZK)	Full-time equivalent staff	Opening hours per week/hours
FLaw	1	—	1	145	3,930	9.7	53
UCL *)	2	—	78	1,088	6,534	17.6	42
FSci	1	—	13	310	2,693	13.8	42
FA	1	—	20	544	2,449	34.0	71
FEdu	1	—	3	148	1,250	12.0	52
FEA	1	—	1	135	2,400	8.0	50
FI	1	—	0	32	1,649	2.3	40
FSS	1	—	0	232	3,161	11.2	58
SCSSN	0	1	0	44	415	3.9	40
Total	9	1	116	2,678	24,481	112.4	average: 50

Poznámka:

\*) UCL – the University Campus Library comprises the central FMed library and central FSpS library and is set to accommodate parts of the FSci library (biology, chemistry) in the near future

Table 6.2 MU library collections

Faculty/unit	Library items			Periodical titles (print)		Number of new items		Reduction in items
	Total	Books and periodicals	Open-shelf access	No. of titles	No. of copies	Total	Books and periodicals	
FLaw	133,115	119,395	58,880	1,135	1,239	4,567	4,391	1,570
UCL	194,014	188,392	53,509	358	433	10,249	8,658	2,094
FSci	354,153	279,092	60,431	526	1,243	3,742	2,618	1,140
FA	764,172	742,198	186,858	743	787	12,393	11,608	2,441
FEdu	145,794	137,813	35,142	249	300	8,377	7,422	9,062
FEA	57,869	52,140	52,164	114	189	2,816	2,795	31
FI	16,567	16,392	16,392	90	93	1,061	999	363
FSS	54,163	48,800	27,006	216	229	3,550	3,337	226
SCSSN	4,621	2,406	2,267	3	3	277	82	35
Total	1,724,468	1,586,628	492,649	3,434	4,516	47,032	41,910	16,962

Table 6.3 MU library services

Faculty/unit	Registered users	Registered loans	Inter-library loan service	International loan service	Research services	Instructional sessions for users	Number of copies made
FLaw	10,748	118,430	229	4	0	1	61,934
UCL	7,545	94,810	1,460	120	170	58	3,959
FSci	3,934	42,986	684	140	0	32	0
FA	10,107	171,788	1,286	0	50	44	1,161
FEdu	18,715	90,923	195	78	12	120	0
FEA	10,333	90,390	198	100	0	6	0
FI	1,039	11,000	79	0	0	3	0
FSS	5,227	60,223	239	91	0	36	4,524
SCSSN	248	73	0	0	0	2	43,283
Total	67,896	680,623	4,370	533	232	302	114,861

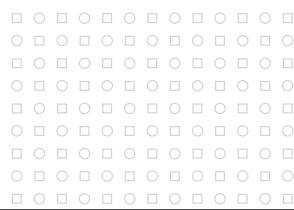




## LIST OF ABBREVIATIONS:

---

<b>MU</b>	Masaryk University
<b>FA</b>	Faculty of Arts
<b>FEA</b>	Faculty of Economics and Administration
<b>FEdu</b>	Faculty of Education
<b>FI</b>	Faculty of Informatics
<b>FLaw</b>	Faculty of Law
<b>FMed</b>	Faculty of Medicine
<b>FSci</b>	Faculty of Science
<b>FSpS</b>	Faculty of Sports Studies
<b>FSS</b>	Faculty of Social Studies
<b>OIS</b>	Office for International Studies
<b>SCSSN</b>	Support Centre for Students with Special Needs
<b>TTO</b>	Technology Transfer Office
<b>U3A</b>	University of the Third Age
<b>UCB</b>	University Campus Bohunice
<b>UCT</b>	University Centre Telč



## MASARYK UNIVERSITY ANNUAL ACTIVITY REPORT 2009

Issued by Masaryk University, Czech Republic

Editor-in-chief: Soňa Basovníková

Editor: Pavla Hudcová

Translation: David Konečný

Production: Public Relations and Marketing Office, Rector's Office, Masaryk University

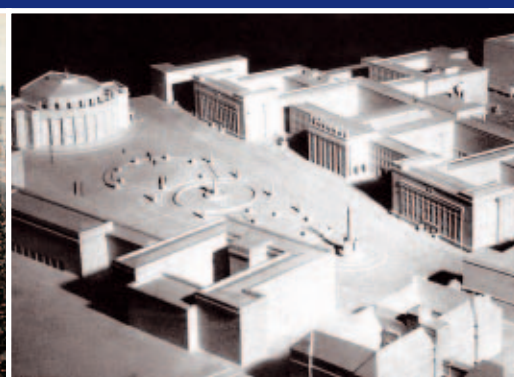
Graphic Design and DTP: EXACTDESIGN

Photography: Aleš Ležatka, Lubomír Čech, Zdeněk Náplava, David Povolný, Miroslav Mašek, Gabriel Dvořák, Anna Pecková, Olga Vytlačilová, Břetislav Regner, Kamil Láska, Andrea Straníková, Jiří Rambousek, Jindřich Kepert, MU and *muni.cz* photo archives

Print: Tiskárna EXPODATA-DIDOT, spol. s r. o., Výstaviště 1, 648 75 Brno, Czech Republic  
1st edition, 2010

Press run: 40 copies

ISBN 978-80-210-5238-3



MASARYK UNIVERSITY, 2010  
[www.muni.cz](http://www.muni.cz)

**muni**  
**PRESS**

ISBN 978-80-210-5238-3



9 788021 052383