



MASARYK UNIVERSITY



ANNUAL ACTIVITY REPORT

2007





**MASARYK UNIVERSITY**

**ANNUAL ACTIVITY REPORT**

**2007**



## About the University

Foreword	5
<b>1 The University in 2007</b>	<b>9</b>
The University in Numbers in 2007	10
Key Events in 2007	11
<b>2 Studies</b>	<b>19</b>
Quality of Educational Activities	20
Quality of Academic Life	25
Strengthening Educational Activities as a Public Service	28
<b>3 Research</b>	<b>31</b>
A Research University	32
Doctoral Studies	35
Improving Academic Staff Qualification	37
<b>4 The University and Links to the Society</b>	<b>39</b>
Public Relations and Marketing	40
Institutional Partnerships	42
Transfer of Knowledge and Research Results	43
<b>5 Development Activities and Support Processes</b>	<b>45</b>
Infrastructure Management	46
Investment in Human Resources and Employee Support	48
Accounting and Financial Management	49
Financial Control	51
Projects for the Development of MU	51
<b>6 Information Infrastructure</b>	<b>53</b>
MU Libraries	54
MU Archives	55
Information and Communication Technology	55
Masaryk University Information System (IS MU)	57
Provision of Information pursuant to Act No. 106/1999, the Freedom of Information Act	58
<b>7 The Faculties in 2007</b>	<b>59</b>

## Basic Facts and Figures

<b>MU Organizational Structure</b>	<b>70</b>
<b>Names and Addresses</b>	<b>71</b>
<b>1 University Structure, Officers and Official Bodies</b>	<b>72</b>
<b>2 Studies</b>	<b>77</b>
<b>3 Research</b>	<b>84</b>
<b>4 The University and Links to the Society</b>	<b>88</b>
<b>5 Development Activities and Support Processes</b>	<b>89</b>
<b>6 Information Infrastructure</b>	<b>93</b>



# Foreword

The *Annual Report*, in which Masaryk University outlines its activities and results in the previous twelve-month period, is being presented in a different form this year. The aim is to provide readers of the *Annual Report*, whether from the university milieu or not, with quality information about the university's development in compliance with its strategic goals. Through its *Annual Report* the university seeks to meet its public obligations, which also gain in importance in the context of the recently announced reforms of the tertiary education sphere. Nevertheless, a clear, straightforward and honest account of the university's activities is of most importance for the university itself. It is with this in mind – as a means of identifying the state of the university and its position in the Czech and European tertiary education sphere – that the university is engaged in the intensive development of a system for monitoring quality, and it is in the same spirit that the new form of the *Annual Report* has been worked out.

Together with the rest of the Czech universities, Masaryk University will undoubtedly be facing many challenges in the near future, challenges that will not be merely financial and administrative but that will also concern the form and the conditions for carrying out academic activities. In the education field, the stable, integrated study environment, represented by a unified and clear set of Study and Examination Regulations, and the university-wide information system in support of educational activities, have traditionally been counted among the strengths of Masaryk University. It is this context that in 2007 enabled it to introduce such innovations as the possibility of obtaining credits for work placements abroad. A clearly organized non-bureaucratic study environment, together with a high academic standard, may also be the fundamental reason for success in the internationalization of studies at Masaryk University. Proof of this can be seen in the fact that in 2007 Masaryk University was chosen as the only Czech university to take part in two projects in the new European Erasmus Mundus External Cooperation Window programme, connecting universities of excellence within the EU with their counterparts outside its boundaries.

The orientation of research, development and innovation at Masaryk University offers promising prospects for the future. In 2007 the high quality of research carried out at Masaryk University was confirmed, for example, by the interim evaluation of on-going long-term research plans. It is also notable that all of Masaryk University's faculties carry out research and development activities oriented at putting knowledge into practice, and even outside the areas of science and medicine have created effective connections for ensuring that the results of research and development find application. Masaryk University is also one of the few Czech universities to operate

a functioning centre for the transfer of new technologies in compliance with international practice.

The quality of research and development, in combination with the above-mentioned characteristics of the study environment, create a highly attractive milieu for doctoral studies, especially for double doctoral degrees, implemented in cooperation with foreign universities.

In 2007 Masaryk University also devoted particular attention to changes in its support systems. Discussion concerning a reform of the university's personnel and salary system was launched, the system of internal training of university employees was

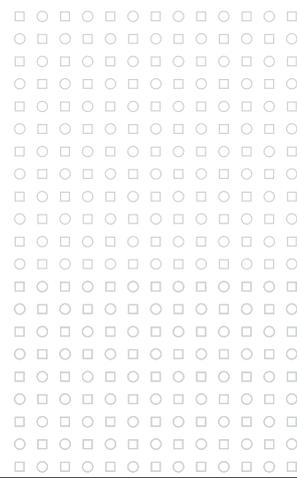


extended into the area of information technologies and a unique survey of university employees' opinions was carried out. These and other steps are a demonstration of Masaryk University's commitment to excellence not only as a research university but also as a respected and prestigious employer. But of course the university naturally pays special attention to the job placements of its graduates, and in 2007 it established a career centre, which operates as a recruitment and consultancy agency and strives to promote the systematic mediation of contacts between university students and employers.

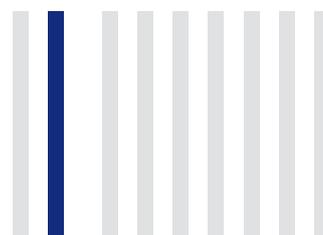
All of the above as well as the overall development of the university in the past year, which is presented and summarized in this *Annual Report*, show that Masaryk University is on the right track towards achieving its strategic aims in the implementation of its Strategic Plan and that it is ready to be a strong partner to the state and the general public in bringing changes to the tertiary education section – or rather, be their inspiration and initiator.

Petr Fiala  
Rector





# About the University





# The University in 2007



In 2007 Masaryk University continued to consolidate its position as one of the leading teaching and research institutions in the Central European region. The new university campus now under construction, whose unique character has been praised by leading figures in the Czech Republic, grew with the addition of several new buildings. Petr Fiala was re-elected Rector of MU, a strong confirmation of the current direction of the university's development. Masaryk University achieved great success in the area of science and scholarship and participated actively in the social life of the region.



# The University in Numbers in 2007



# Key Events in 2007



## Construction of the University Campus

### The university campus in Brno-Bohunice

The university campus being built by Masaryk University in Brno-Bohunice has grown by twelve new buildings. At the beginning of the academic year, on 17 September 2007, students as well as staff started using the university campus library, three pavilions of the Faculty of Medicine, four pavilions of the Faculty of Science and the experimental animal pavilion. Other important technical facilities and connecting corridors were also finished, for example the skyway over Kamenice street.

### △ The university campus library

One of the most interesting buildings from the architectural point of view in this stage of construction is the campus library, situated in pavilion 9, which is located at the crossroads of the whole complex. It offers library, information and other services to students, teachers and the public. Inclusive of the underground stacks, it has a capacity of 500,000 volumes. Seating is for more than 560, including places in a variety of specialized spaces, computer rooms included. The building also includes a university bookshop and refreshment facilities.

### △◁ Prime Minister Topolánek at the MU campus

For the first time ever, the university campus was visited by the Prime Minister of the Czech Republic. Mirek Topolánek appreciated the readiness of Masaryk University to meet the new challenges in research and teaching. The Prime Minister visited the campus again in October, introducing the government policies in the field of science, research and innovation.

### ◁ President Klaus visits MU

The new MU campus also attracted the attention of the Czech President, Václav Klaus, who visited the campus accompanied by his wife Livie. The President's appearance at Masaryk University met with great interest among students and academic staff. The discussion forum at the Faculty of Economics and Administration was attended by some 800 students.





## Success in Research and Technology Transfer

### ▷ University laboratory for teaching and research relating to semiconductor technology

Long-term cooperation between the Department of Condensed Matter Physics at the Faculty of Science and ON Semiconductor in the field of research into the physical characteristics of silicon led to the opening of a new university laboratory for teaching and research relating to semiconductor technologies. Special clean room facilities are necessary for the development and production of semiconductor parts on silicon plates, which are very sensitive to contamination.



### Patented method for liquidating mustard gas

A Czech patent was awarded for a new method for disposing of mustard gas. This was developed by scientists from the Faculty of Science and the Military Technical Institute. The innovation is based on the discovery of an enzyme which enables mustard gas to be broken down in a more effective and inexpensive way than any methods used so far. MU's first biotechnological "spin-off" company, Enantis, took charge of the development of an application substance that will enable commercial use of the invention.



### ▷ Special production facilities at the Cell Immunotherapy Centre

Special production premises, unique in the Czech university environment, were put into operation in the Cell Immunotherapy Centre at the university campus. They serve for the development and production of a new anti-tumour vaccine.



### □ The Gregor Johann Mendel polar station

The Czech polar station run by Masaryk University in the Antarctic passed its first major test, having gone through its first complete research season. In February 2007 it was officially named after Gregor Johann Mendel.



#### ◁ Masaryk University honorary doctorates

Four eminent personalities in the fields of medicine, chemistry and philology were awarded honorary doctorates of Masaryk University. Professor **Virend Kristen Somers** from the Mayo Clinic in Rochester, USA, and Professor **Patrick Craig Walsh** from Johns Hopkins University, USA, were designated Doctor Honoris Causa in Medicine. Professor **Lumír Ondřej Hanuš** of the Hebrew University in Jerusalem received an honorary doctorate of chemistry. Emeritus Professor **Peter Newmark** from the University of Surrey was awarded an honorary doctorate of philology.



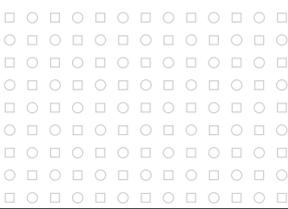
#### ◁ Prestigious award for the Archive of Theses

The Archive of Theses, which forms a part of the MU Information System, received an award at the Inforum 2007 conference. One year after the successful implementation of this system for detecting plagiarism, Masaryk University offered it to other universities. More than half of the country's public universities have joined the project so far.



#### ◁ Medal of Merit awarded

The prominent Czech oncologist and Vice-Dean of the Medical Faculty of Masaryk University, Prof. MUDr. Jiří Vorlíček, CSc., was awarded a Medal of Merit in the field of science. It was presented to him by the President of the Czech Republic for his lifelong contribution to oncology. Professor Vorlíček, who is President of the Czech Oncological Association and an outstanding doctor and scientist, has contributed much to the development of oncology and comprehensive care for the seriously ill in this country.





Teachers and Students



#### ◀ Re-election of MU Rector

For the second time, Prof. PhDr. **Petr Fiala**, Ph.D. was elected by the Academic Senate as Rector of Masaryk University. He was named to the post by the President of the Czech Republic, Václav Klaus, on 30 August; his second term of office will end in 2011.

#### Election of new Deans

A former Vice-Dean of the Faculty of Economics and Administration, Assoc. Prof. Ing. **Martin Svoboda**, Ph.D., became the new Dean of the faculty. The Academic Senate also confirmed the second term of office for Prof. PhDr. **Ladislav Rabušic**, CSc. as Dean of the Faculty of Social Studies, and Prof. RNDr. **Jiří Zlatuška**, CSc., as Dean of the Faculty of Informatics.

#### New Dean of the Law Faculty

After more than a decade a woman is heading the Faculty of Law. In April Prof. JUDr. **Naděžda Rozehnalová**, CSc., took up her duties as Dean; she had been elected to this position by the Academic Senate of the faculty at the end of 2006.



#### ◀ Dies Academicus 2007

Masaryk University celebrated the traditional Dies Academicus by presenting Gold Medals, Rector's awards for achievements and Rector's awards for the best students in doctoral and Master's programmes. An important achievement in the world of sport was also recognized. In the evening a concert was held in the atrium of the Faculty of Social Studies.



#### ◀ Job Fair

A job fair entitled **Job Challenge 2007** launched a project aimed at setting up a career centre at Masaryk University. This first year of the fair, which was organized in November, attracted the interest of around 1,000 university students. Job offers were made by 45 exhibitors.

#### ◀ First prison graduates

A programme for educating the convicted has also seen its first graduates. Three convicted persons completed the three-year Bachelor's programme in Management offered by the Faculty of Economics and Administration.



#### ◀ LL.M. programme

For the first time the Czech Republic witnessed the graduation of students in a postgraduate programme specialized in commercial law. The programme, which is intended for managers, was opened in 2005 by Masaryk University in cooperation with Nottingham Trent University in Great Britain.



## Masaryk University and the Society



### △ Masaryk University takes over the Mendel Museum

Masaryk University acquired its first museum when it took over management of the Mendel Museum at Mendel Square in Brno. The primary task of the museum is to preserve and develop the heritage of the world-famous scientist Gregor Johann Mendel. The museum has also started to offer space for the presentation of trends in other subjects which can be studied at Masaryk University.

### ◁ Selecting the University Wine

A new approach for selecting the University Wine has led to this becoming a welcome social event in Brno. This event is no longer just one of many wine-tasting competitions but more importantly a social event aimed at supporting high-quality wine and the development of viticulture in the South Moravian Region.

### Reconstruction of the University Centre Telč

In autumn Masaryk University launched a project for the extensive reconstruction of the former Jesuit college which houses the University Centre Telč. The project will see the complete renovation of the premises as an educational and cultural centre in the Vysočina Region.

### Week of Science and Technology

Students and academic staff of Masaryk University took an active part in the popularization of science during the Week of Science and Technology, within which they gave lectures as well as demonstrated experiments in the streets of Brno.

#### ▷ Researchers' Night

Thousands of visitors were attracted by the European Researchers' Night. Research workers from Masaryk University in cooperation with the Nicholas Copernicus Observatory and Planetarium in Brno organized a fascinating programme full of competitions, games and quizzes.



#### △ Physical Circus

Krávı hora in Brno became the venue of the first year of an unconventional competition called the Physical Circus, which was organized for secondary school students by the Natural Scientists Society of Masaryk University in Brno.



# Studies



Masaryk University is currently the second largest university in the Czech Republic and the largest in Moravia. In 2007 it provided a home for 40,000 students in a wide spectrum of academic disciplines.

Among the characteristic features of studies at MU is the open and flexible nature of the degree programmes, which enables students to become familiar with different fields they will later be able to draw on when establishing their professional goals and specializations, and the close relationship between studies and research activities.



## 2.1. QUALITY OF EDUCATIONAL ACTIVITIES

### Enhancing the university nature of education

Masaryk University has continued to implement the MU Strategic Plan for the period to 2010, especially by strengthening the European dimension of education through increasing internationalization of studies, cooperation with other schools and student mobility and through the introduction of innovations in education, including the introduction of information and communication technologies into teaching. Among the various characteristics of university education at MU it is important to mention the open and flexible nature of the degree programmes, which helps students learn about various scientific disciplines that they can then use while setting their future career goals and specializations, and also the close link between studies and research work. In line with the goals set in the Bologna Declaration, the number of accredited degree programmes in the English language has risen, as has student mobility, including students from southeastern Europe and Asia.

Masaryk University has successfully applied the evidence system of fulfilment of study requirements

of all exams and the classification attained. Its structure is in accordance with the unified outline of the European Commission, the Council of Europe and UNESCO/CEPES.

All administrative steps that need to be carried out for the purpose of recording study results both by the students and the university employees are implemented electronically in the **MU Information System**, which contributes to convenience of the studies and also to mistake-free recorded data. An English version of the system and translations of the basic internal regulations have been prepared for international students.

Concerning the expansion of lifelong learning, Masaryk University aims at developing other educational programmes, which are now being offered through the electronic Shopping Centre, while participants in lifelong learning courses can take advantage of the beautiful environment of the University Centre in Telč, which symbolizes the university's efforts to support higher education in the regions. The success of the University of the Third Age is documented by the fact that Masaryk University has enrolled 1,500 students of retirement age, making it the number one higher education institution in this field. New computer and reading rooms have been set up for the seniors and the university organizes dozens of topically specialized courses every year.



▲ Studying in the new university campus library

at all its faculties, through a **credit system** based on the principle of credit accumulation and other principles of the ECTS. The year 2007 saw a revision of Masaryk University's basic internal regulations, its Statutes; the part regulating the assessment of study fees was radically revised and transparently reformulated. The Study and Examination Regulations embody a unified set of procedures and documentation of studies, in accordance with the MU Strategic Plan.

A **Diploma Supplement** is issued cost-free for all graduates and accompanies the diploma. It informs prospective employers of the university graduate about what he or she has studied and it contributes to the proper academic and professional recognition of the acquired qualification. This bilingual (Czech and English) document summarizes the results of the completed degree programme, including a list

### Development of degree programmes

In accordance with its Strategic Plan, Masaryk University has prepared and continues to prepare new Bachelor's and Master's degree programmes which meet the needs of its graduates on the job market. In the 2007/2008 academic year Masaryk University offered **145 degree programmes and 812 study fields** at its nine faculties. In the course of the academic year new degree programmes were accredited and the accreditation of some existing programmes was expanded.

### Degree programmes and fields

#### Degree programmes:

- 47 Bachelor's programmes
- 27 long-cycle Master's programmes
- 43 Master's programmes
- 28 doctoral programmes

#### Fields of study:

- 245 at the Bachelor's level
- 175 at the long-cycle Master's level
- 260 at the Master's level
- 132 at the doctoral level

The university continued to expand **the number of degree programmes in English and other foreign languages**, in accordance with the objectives set in the Strategic Plan. The longest tradition of organizing degree programmes in English is held by the Faculty of Medicine, which offers not only Master's programmes in English (General Medicine and Dentistry) but also all its 22 fields of study within doctoral studies. The Faculty of Social Studies offers two fields of study – European Politics, accredited within the Master's programme in Political Science, and Sociology, accredited within the Master's programme in Sociology. Master's programmes and doctoral programmes in English and other foreign languages are accredited at other faculties of MU; more detailed information in this area can be found in Chapter 7.

Among the new programmes/fields of study in 2007 were the Master's programme in Embedded Systems (FI) and the doctoral programmes/fields Finanzwesen (FEA), Materials Chemistry and Ecotoxicology (FS), Indo-European Comparative Linguistics, Klassische Philologie, Mittellateinische Philologie, the Scientific Study of Religions and Musicology/Musikwissenschaft (FA).

In this regard it is particularly pleasing that other degree programmes in foreign languages have been prepared as joint projects in the form of **double degrees**: Social Representation and Communication (FSS), European Business (FEA), Dutch Language and Literature, the Study of Religions, French Language and Literature, Modern Greek Language and Literature (FA), Services, Administration and Management with the Use of IT (FI), and an upcoming Master's degree in Law and Information and Communication Technologies (FL).

It is mainly foreign students who apply for admission to fields of study taught in English (from Europe, Asia, North and South America and Africa). However the fields are also open to Czech and Slovak students who wish to study in English and thus gain an advantage on the job market. Furthermore these students find themselves in an interesting multicultural environment, as their colleagues come from all over the world.

In connection with its provision of accredited degree programmes, Masaryk University also provides **recognition of foreign university education and qualifications** in accordance with the Higher Education Act. In 2007 MU received 175 requests for recognition of foreign university education and qualifications in Bachelor's, Master's and doctoral degree programmes. In 17 of the above-mentioned cases MU lacked the power to make a decision and in 16 cases the process was suspended. MU recognized foreign university education and qualifications in 92 cases and 44 requests were rejected (of these 12 applicants took advantage of their legal right to appeal to the Ministry of Education, Youth and Sports of the Czech Republic). Another six cases concerning recognition of foreign university education and qualifications had not been completed by the end of 2007.

In accordance with Act No. 172/1990, the university graduates who had completed their university studies prior to 1 July 1990 and who had not been granted academic titles, state titles or other university titles gained the academic title "magistr". Masaryk University gives this certificate to graduates of Masaryk University in Brno, Jan Evangelista Purkyně University in Brno, the Teacher Training College in Brno and the Teacher Training Institute in Brno and Jihlava. In 2007 MU, acting in accordance with Act No. 172/1990, issued certificates recognizing academic titles to 103 of its graduates, the title being "magistr" and the abbreviation "Mgr."

## Learning Potential Test

A **Learning Potential Test** as the form for testing applicants' abilities to study at MU was used as the entrance examination at all faculties except for the Faculty of Medicine and the Faculty of Social Studies. Some faculties also required the applicants to sit a test containing questions from appropriate fields of study. The learning potential test consisted of eight subtests designed to evaluate specific mental features such as numerical skills (simplification of mathematic situations, the ability to operate quickly with numbers), analytical skills (searching for information in graphs and tables, assessing logical conditions), symbolic skills, critical thinking (discovering errors in written arguments, searching for order in large amounts of data), logical-verbal thinking (vocabulary, text comprehension, evaluating differences in meaning of words), spatial imagination, judgemental capabilities and cultural awareness. Each subtest included eight questions. The time limit was 64 minutes. The results of the test were presented in percentile form, which permits correct and fair comparisons to be made between individual applicants. The percentile value showed what percent of the tested applicants achieved worse results. Detailed results were communicated to the applicants via Internet, including the chance to inspect a scanned sheet with their answers.

## Admission procedures

In 2007 Masaryk University registered an **increased interest among applicants**. A total of 66,667 applications were submitted for study in Bachelor's and long-cycle Master's degree programmes for the academic year 2007/2008 at Masaryk University; of these more than 99% were filed electronically. In comparison with 2006 the number of registered applications rose by 21.4%. Masaryk University still ranks among the most popular universities in the Czech Republic in spite of being one of the most selective ones. Altogether 59,217 applicants sat the entrance examinations for the academic year 2007/2008; 23,339 passed the exam and 20,045 were admitted. 18,380 enrolled in studies.



Masaryk University is the second largest university in the Czech Republic. As of 31 October 2007 the university had 38,989 students enrolled in degree programmes. In comparison with the previous year this was an increase of some 3,000 students (9%).

As of 31 October 2007, of the total number of students 21,605 were enrolled in Bachelor's degree programmes, 7,931 in long-cycle Master's degree programmes, 6,258 in Master's degree programmes and 3,195 in doctoral degree programmes.

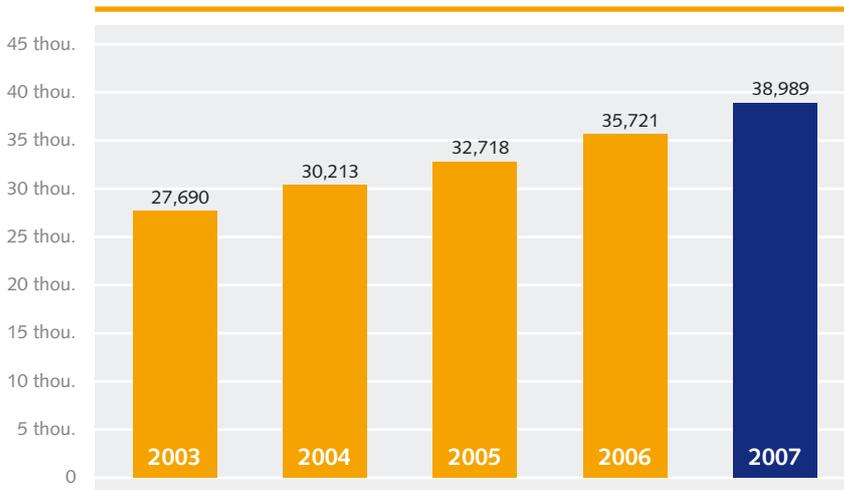
In 2007 Masaryk University had 6,422 graduates, of whom 3,165 were in Bachelor's degree programmes, 1,807 in long-cycle Master's degree programmes, 1,162 in Master's degree programmes and 288 in

doctoral degree programmes. The total number of graduates at Masaryk University in 2007 rose by 15.2% in comparison with the previous year.

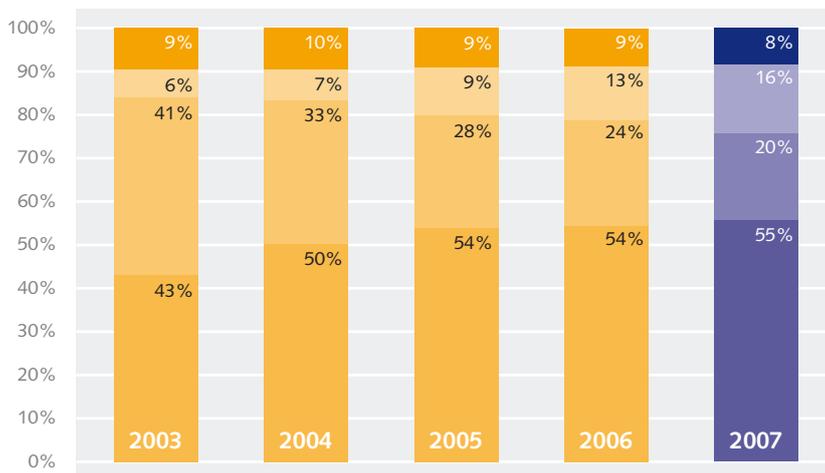
### Internationalization of studies

The internationalization of studies at Masaryk University is guided in general terms by the university's Strategy for Internationalization, adopted in 2003. Methodological and organizational responsibility for this process lies with the Office for International Studies, which coordinates activities within MU and carries out a wide range of activities outside the university that are designed to promote internationalization. In both of these aspects 2007 marked noted developments.

Graph 1 Number of students at MU

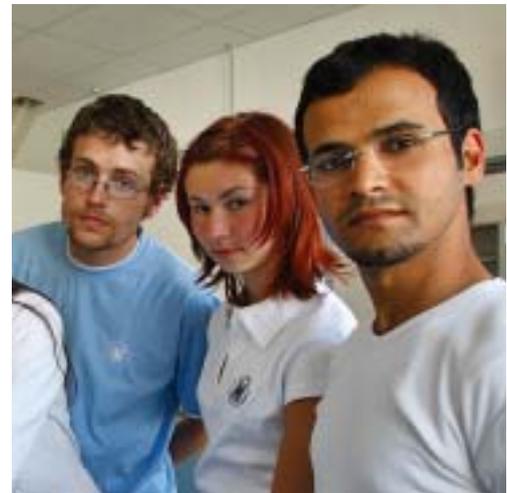


Graph 2 Student structure according to the field of studies



- Ph.D.
- I-c Mgr.
- Mgr.
- Bc.

*In line with the restructuring of studies specified in the Bologna Declaration, the percentage of students in Bachelor's, long-cycle Master's and Master's degree programmes has been changing.*



### Mobility of students and academic staff

Internationalization is most clearly reflected in student and teacher mobility. This is carried out within the framework of a wide range of programmes, in particular those of the European Union (most notably ERASMUS), the financial mechanisms (Norway and the EEA countries) and programmes financed by the Czech Ministry of Education. Smaller programmes include CEEPUS, AKTION, the International Visegrad Fund and long-standing bilateral cooperation between MU and a number of "prime partner" Central European universities.

Most of these programmes give students the opportunity to study or work abroad for a period of several weeks up to a whole academic year. Teachers are able to teach, do research and work on joint scientific projects. Where MU outgoing mobility is concerned, virtually all programmes saw increased participation in 2007 – altogether around 1,000 MU students had the chance to experience studying in a foreign environment, while over 200 MU teachers went out to partner universities.

This increase in outgoing mobility was matched by an even sharper increase in incoming mobility, with MU welcoming around 250 international students each semester in 2007 – a 25% increase over

2006, and a tenfold increase over the numbers just seven years ago. Incoming teacher numbers, too, were up.

#### Presentation of the university abroad

Internationalization efforts can also be seen in the presentation and marketing of the university and international programmes. In 2007 MU launched an initiative to promote international students' access to Czech language degree programmes: this included unifying and simplifying the on-line system for handling enquiries from abroad, making modifications to the admission system in the interests of international students, and expanding Czech-language courses for international students taught by the Division of Czech for Foreigners at the Faculty of Arts. These changes were promoted at higher education fairs in Slovakia, Poland and Austria. This year, for the first time, in addition to being present at the EAIE and NAFSA conferences, MU promoted its degree programmes at a higher education fair in Vietnam. Moreover, three faculties – of Informatics, Science and Social Studies – now work with a Chinese agency to attract students; it promotes their programmes at events in China and has prepared Chinese versions of their pages concerning these programmes.

#### Tuition in foreign languages

In connection with the rising number of students and teachers coming to MU as part of mobility programmes, the number of courses taught in English (and some other languages) has also increased at all MU faculties within the Bachelor's and Master's degree programmes. Currently around 150 such courses are offered to students every semester. In addition, at the Faculties of Arts and Education, approximately 600 courses are offered in the 24 languages forming the subject of degree programmes. Most faculties now offer courses in languages other than Czech that are taught by foreign teachers, either by those on exchange for a semester or a year or (in the form of intensive courses) by visiting professors, and the number of such courses is steadily growing.

#### Support for students' language skills

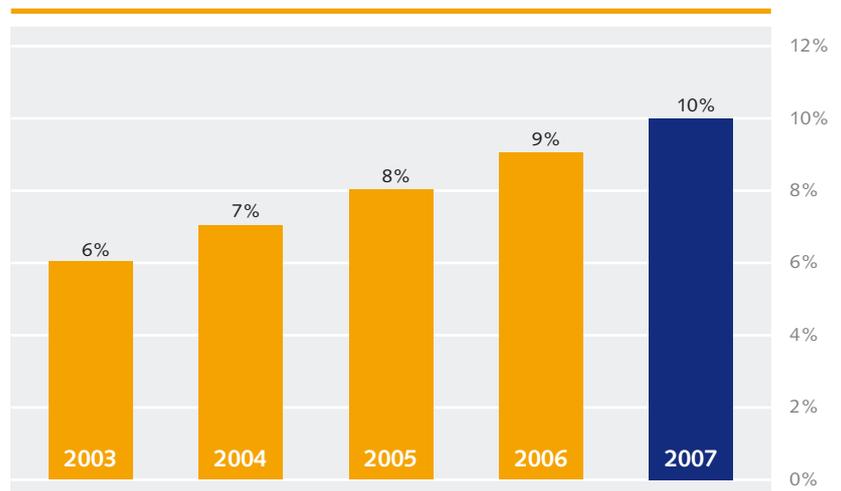
The Language Centre at MU has played a key role in the language development of students in the course of bringing MU's Strategic Plan into effect. This university-wide unit provides language teaching to students of all faculties, in LSP (language for special purposes) lessons and academic lessons, in English, German, Russian, Spanish, French, Latin and Czech for foreigners.

In 2007 the Language Centre focused on improving the language competence of doctoral students at all faculties and prepared a course of academic writing where the doctoral students were given the opportunity, with the help of videoconferencing, to discuss their work in an international environment with professionals from foreign universities

### In connection with mobility

- Additional ERASMUS agreements led to both an increase in incoming and outgoing numbers generally, as well as extension to new institutions.
- New bilateral agreements have expanded MU's links beyond traditional areas. In particular, in line with the university's long-term strategy, links with Asia have been pursued, with new agreements being signed or negotiated with universities in Japan, Korea, Hong Kong, Singapore and Taiwan. In addition, cooperation has been expanded with institutions in Africa (SAR), Latin America (Chile and Mexico), Australia and New Zealand
- The new Lifelong Learning Programme allows for both administrative staff mobility and student work placements; in both areas MU began to send out participants in the programme.
- In the EU's prestigious new Erasmus Mundus External Cooperation Window programme, which enables mobility of students, teachers and researchers between European and non-European countries, MU has been unusually successful: uniquely among Czech universities, it is a member of two winning consortia of universities. The first links European universities with partners in Lebanon, Syria and Jordan, the second with partners in Uzbekistan, Tajikistan, Kyrgystan, and Turkmenistan.
- Several faculties are now introducing special scholarships for students going abroad, in particular students at the Master's and doctoral levels wishing to do research.
- Thanks to cooperation with the South Moravian Centre for International Mobility, the use of funding from Development Projects and scholarship mechanisms of particular faculties, it has become possible to significantly increase financial support for students from countries outside the OECD, especially students of Master's and doctoral programmes.
- Joint doctorates are becoming increasingly common, with students at the majority of faculties now enjoying such an arrangement.
- Most faculties have introduced the opportunity to gain credits during work placements abroad. Data concerning such internship can be specified in the Diploma Supplement.

Graph 3 Number of international students at MU



The growing internationalization of the university can be documented by the increasing number of international students. While in 2003 there were 1,643 foreign students, in 2007 the figure was 3,867, which represents 10% of all MU students.



► Students in the university campus library

►► Foreign students of medicine



and publishing houses (e.g. from the University of Wales and the publishing house Routledge from Great Britain and the Spanish Universidad Jaume I). The course has become very popular among doctoral students. They especially appreciate the dynamism and real context of the teaching.

The implementation of the INVITE project gave not only doctoral students but also undergraduate students the opportunity to communicate internationally, with the help of videoconferencing (within the Leonardo da Vinci programme). The Language Centre at MU has been in charge of the project since 2006.

Teachers at the Language Centre at MU have been creating **e-learning language courses** for several years now. These courses focus on fields taught at all faculties. Thus specialized materials for teaching LSP at the Faculties of Economics and Administration, Medicine, Law, Science and others have been developed and spread to other institutions. In 2007 the Institute of Finance and Administration became interested in the project. In cooperation with the Information System at MU and the MU Technology Transfer Office, organizational and legal conditions have been prepared for the import of the first language courses into the study system at the Institute of Finance and Administration. This step has led to new opportunities for making use of the hard work put into e-learning courses at MU.

### Lifelong learning

The past year saw considerable growth in the field of lifelong learning at Masaryk University. All the faculties, together with the MU Rectorate, implemented 457 programmes of lifelong learning, in which a record number of 18,475 students took part in on-site, distance and combined forms of studies. Of these, 409 programmes had a professional focus and attracted 16,013 students. The highest number of students is at the Faculty of Medicine – 12,076.

Masaryk University strengthened its internal organizational mechanisms for the purpose of lifelong learning development and introduced a number of regulations, especially in order to emphasize the role of information technologies in lifelong learning at MU. The year also saw the opening of the on-line MU Shopping Centre, which, as a part of the MU Information System, provides an opportunity for further lifelong learning. The on-line Shopping Centre supports the electronic purchase of many educational programmes for the general public of all ages and professions.



► LL.M. studies at the Faculty of Law

## 2.2. QUALITY OF ACADEMIC LIFE

### Scholarship policy and support for talented students

#### Accommodation grants

Accommodation grants mean financial support for students who do not have a permanent address in the city of Brno. The grant is paid out twice a year. In order to determine students' eligibility for an accommodation grant, Masaryk University incorporated into its Scholarship and Bursary Regulations most of the regulations stipulated by the Czech Ministry of Education, which it also uses to allocate funding for accommodation support grants to the individual public universities.

In spring 2007 the conditions for being given an accommodation support grant were met by 13,171 students, which meant a total of 52.684 mil. CZK; in autumn 2007 the conditions were met by 14,675 students, which meant a total of 43.291 mil. CZK. The conditions for being given the grant were met by some 52% of all MU students in on-site studies. In 2007 Masaryk University paid out 95.975 mil. CZK in accommodation grants.

The total number of questions, objections and other comments related to accommodation support grants which are received and answered by the Office for Studies at the MU Rectorate decreases every year. From this one can assume that the administration and actual payment of the grants have reached a state that is considered equitable by the students.

#### Bursaries for students in difficult social conditions

In 2007 Masaryk University continued paying out accommodation support grants. The Rector's internal regulations define more closely such things as the length of the grant programme, which was chosen for the purpose of implementation of this grant as being for a period of 10 months in the academic year. The value of the bursary is stipulated by law and amounts to 1,620 CZK a month. In 2007 Masaryk University paid out 9 mil. CZK on these grants, which were received by more than 600 students.

#### Study-related fees

Masaryk University has long been aiming to provide students with a transparent and easily accessible description of the conditions for setting study-related fees and to carry out a normative revision in this area. In the course of summer 2007 the relevant MU Information System application was completely revised and simultaneously Masaryk University proceeded to make a fundamental revision of the internal regulations which set the rules for imposing fees. This process ended with the registration of the amended MU Statutes.

Masaryk University's concern for the social conditions of students was also reflected in its willingness to waive, reduce or defer the payment of study-related fees, as provided by the Higher Education Act. In 2007 1,918 appeals were made in connection with

study-related fees. These were waived in 710 cases, and reduced in 770 cases.

#### Support for talented students

The MU Scholarship and Bursary Regulations distinguish five types of grants (grants for doctoral students, grants for creative activities, accommodation grants, mobility grants and special grants), which are often used for motivation and support of talented and active students. The faculties have a chance to use their own system of grant programmes and they do. There are currently 50 programmes in place. In addition, there is the regularly announced Rector's Programme, which offers financial support for MU students' creative activities.

### Student Awards in 2007

#### The Rector's Awards for the best students in Master's courses at MU:

##### ■ Bc. Václav Brožek

Enrolled in the degree programme in Informatics at the Faculty of Informatics

##### ■ Jan Lasák

Enrolled in the degree programme in Law at the Faculty of Law

#### The Rector's Award for outstanding sports achievement:

##### ■ Jana Sklenaříková

Enrolled in the Master's degree programme in Lower and Upper Secondary-School Teaching in Physical Education at the Faculty of Sports Studies

### System of evaluating the quality of education at MU

In addition to regular accreditation and re-accreditation of degree programmes, which functions as a mechanism for external evaluation, Masaryk University employs a number of internal mechanisms for monitoring and ensuring high quality. It is the Strategy and Development Office at the MU Rector's Office which is responsible for the methodology behind the evaluation; it works in close cooperation with other university offices and faculty bodies. When developing internal evaluation procedures, recommendations from the *Standards and Guidelines for Quality Assurance in European Higher Education Area* are reflected.

Evaluation by MU students and graduates forms an integral part of the quality monitoring system. In recent years Masaryk University has been employing a complex system of sociological surveys which includes several target groups and enables the whole education process "from applicant to graduate" to be covered. Besides the evaluation of teaching quality carried out among students at the end of each semester, there are also periodic evaluations done



## Results of surveys carried out in 2007

- A total of 85% of current first-year students are studying at their number one preferred school. The most important **motives for choosing MU** were the opportunity to study a field according to one's interest and the good name/prestige of the university.
- **The quality of information and services** offered by MU to prospective applicants was evaluated very positively. The websites of Masaryk University and its faculties were the most appreciated service. Internet generally plays a key role: 87% of the respondents considered it an important source of information.
- **Half of the fresh graduates of Masaryk University had a job even before leaving the university.** One-third of the graduates did not have a job or were not looking for a job at the time of their state examinations in spring 2007. The remaining 18% are planning to continue their studies in doctoral degree programmes, go abroad or study at another university.
- Only about every fourth graduate who had started looking for work considered the **process of finding work** very or somewhat difficult. When looking for a job, the graduates mainly rely on their own efforts (62%); every fifth graduate received a direct offer from a prospective employer.
- **The unemployment rate among graduates** of Masaryk University one to two years after graduation is lower than 1%, which is about a sixth of the national unemployment rate.
- The **satisfaction** of young people concerning the university's enrichment of their lives was high. In 2007 it reached the historically highest rate (84% of graduates were satisfied). The percentage of graduates who would again choose the same faculty for their studies – if they had such an opportunity – is high and relatively stable (69%). Nine out of ten graduates would again study at MU.

by graduates, *Completion of Studies at MU – Looking Back and Looking Ahead* and *Employment Outcomes for MU Graduates*, which allow for the monitoring of long-term trends in graduates' satisfaction with the education they received and in the success of graduates on the job market. In 2007 a new survey was carried out among first-year students, its topic being the evaluation of the entrance examination process and initial experience with their studies.

**Analytic mechanisms** developed as part of the MU Information System have become an important mechanism for monitoring and evaluating studies. They enable the users to carry out a detailed analysis of the entrance examination procedure and the course of studies (e.g. success, length of studies, regional distribution of applicants and students, etc.) In 2007 these mechanisms were once again enhanced.

Other mechanisms for monitoring quality include the process of **strategic administration and planning**. MU has also implemented, in conjunction with the approval of the Strategic Plan for 2006–2010, a standard process of planning on the faculty level. In 2007 the realization of the faculties' strategic plans continued to be the subject of regular evaluation procedures carried out by the university management with each faculty.

### Student evaluations of quality

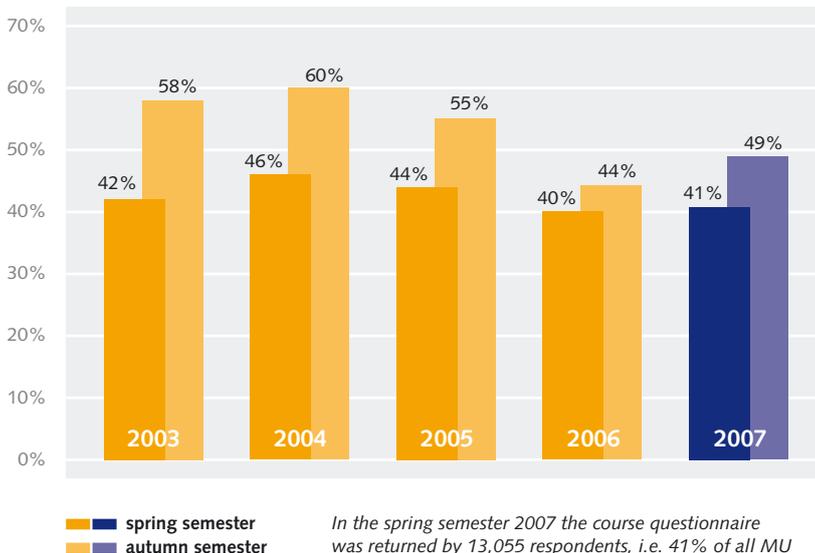
Student evaluation serves as one of the most important mechanisms for evaluating the quality of university education as a whole as well as of individual teachers. The students of Masaryk University have had the chance to express their feelings about the quality of the fields studied since 2003 by means of a course questionnaire which takes place at the end of each semester. Through integration of student evaluation into the MU Information System the university has managed to achieve quite a high return rate while at the same time guaranteeing anonymity and trustworthiness.

The students may express their opinions on the course as a whole as well as on individual teachers. Seven questions focus on the attractiveness, usefulness and difficulty of the course, how demanding the preparatory work is, the availability of resources, how the teacher teaches and his or her professional competence. The response may also include free text comments. Detailed answers concerning the individual courses and teachers are used by the teachers as stimuli for their work and as a form of feedback.

### Development of university counselling

In compliance with the Higher Education Act, Masaryk University provides university counselling services to students and other persons. This activity is organized by the Student Advisory Centre, which is part of the Rector's Office. Psychological help is provided through individual and group sessions (12 self-learning training programmes). Activities relating to studies and future careers include training in communication and other skills such as CV writing

Graph 4 Return rate of the course questionnaire



*In the spring semester 2007 the course questionnaire was returned by 13,055 respondents, i.e. 41% of all MU students, and in the autumn semester by 18,168 students (49% of the total: the return rate in this semester is traditionally higher).*

and self-presentation during a job interview (20 training programmes). Career counselling uses Personal Profile Analysis tests, including a discussion about possibilities on the job market in the individual's study field and its implementation in the real world. The Advisory Centre also arranges contacts between students and prospective employers in the form of presentations by the prospective employers. The first-year students were given the opportunity to participate in a two-day information-introductory meeting, "Freshmen Days", whose goal was to introduce the first-year students to their fields of study, the faculties, the Information System, the city of Brno and their schoolmates. The afternoons were spent playing games and organizing competitions for individuals and groups.

## Student social welfare

### Accommodation

As usual, the university residences operated at full capacity in 2007. Compared with the previous academic year the number of student accommodation requests among first-year students increased by 8% to 3,019 applicants, accommodation requests among doctoral students doubled and the number of international students, who are given priority in accommodation, increased to 500. More than one-third of all residence beds were offered to first-year students and doctoral students and one-third of the whole accommodation capacity was devoted to international students and students from Slovakia. The possibility of filing applications electronically, communication about signing the accommodation agreement via the Internet and electronic credit transfers have substantially improved the services offered and have simplified the checking of cash flow and cash operations.

The UNI hotels and houses for lecturers are mostly used by foreign lecturers and visiting professors; they are fully occupied. The commercial use of the accommodation facilities during the academic year occurs when there are unoccupied beds and during free periods between groups of incoming international students on exchanges.

In the 2007/2008 academic year the criteria for allocating places in the MU residences remained the same as in the previous year. A total of 1,500 places was reserved for students enrolling at MU for the first time in Bachelor's, long-cycle Master's and Master's degree programmes. The traditional criteria continued to apply to students in higher years: distance from home, social and health criteria and study results. As of 10 September 2007 the Accommodation and Catering Services received 7,692 applications. Altogether 4,579 applications were successful (of these 1,911 were from first-year students). International students were allocated 227 places at the beginning of the academic year. At the end of the academic year out of 3,865 accommodated students 1,758 were foreigners.

## Academic advisory services

- The Faculty of Science organized **preparatory courses in mathematics and physics for first-year students** who had studied less specialized courses in these subjects at secondary school. The goal of these courses was to inform the students about the type of work which would be expected from them, to introduce the contents of the basic lectures and to revise some knowledge.
- The Faculty of Sports Studies established a **Nutrition Advisory Centre**, whose goal is to educate athletes about healthy diets. The faculty purchased an Inbody 230 device and psychomotor equipment: cyber cylinders, a pump and a psychomotor trolley.
- The Faculty of Education created an **Advisory Centre for Students and Graduates of Teaching Programmes**. The Centre provides counselling for students in the field of studies, for the professional and general public, for graduates and for applicants for study at MU.

### Catering

The catering service runs three university canteens, eight cafeterias and one café. Three new catering premises were opened at the beginning of the academic year 2007/2008 – a snack bar at the Faculty of Science on Kotlářská street, and a fast food restaurant and café at the University Campus Brno-Bohunice. The capacity of the cafeteria at the Faculty of Informatics on Botanická street was expanded. The opening hours of all catering facilities are adapted to students and other customers.

The maximum daily capacity for the preparation of hot meals is 6,000 meals. The meals are offered based on prepared menus which include 9 ready-made lunches, 3 ready-made dinners and 16 meals made to order.

Compared with the previous year the catering for staff and other diners decreased by almost 20%. This was caused by the introduction of luncheon vouchers for employees; these can be used outside the university facilities. On the other hand, catering for students increased by almost 10%. The inter-annual increase in portions equalled 3.4%. There is a wide choice of goods in MU cafeterias.



## 2.3. STRENGTHENING EDUCATIONAL ACTIVITIES AS A PUBLIC SERVICE

### Increasing accessibility for disadvantaged groups

Masaryk University is the only university in the Czech Republic where the rate of students with special needs equals the national rate of citizens with special needs. The **Support Centre for Students with Special Needs** is responsible for disabled students at all faculties and university units. In comparison with similar bodies at other Czech higher education institutions, the effectiveness of this centre is unique: this is connected with the special attention Masaryk University devotes to creating equal opportunities for studies for everyone. It was the first Czech university to consider the presence of persons with special needs among students and teachers as something natural and as a permanent goal, to be achieved with the help of legislation and technology. Contrary to the general assumption that a disabled student needs to adjust to common communication conditions and if this is not realistic the institution may meet his or her needs through occasional individual adjustments, a completely different concept was implemented. Rector's Directives lay down the

continuous service, with general accessibility of all compensation software for disabled persons which is commonly distributed on the Czech market, with its own publishing activities of haptic literature including haptic graphics 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 the standard efficiency.

Among teachers and academic university staff there were four blind and visually impaired persons, five deaf and hearing impaired persons and one physically impaired person in 2007.

### Students with no or impaired vision

In the 2007/2008 academic year there were 91 students at Masaryk University with no or impaired vision (compared to 84 in the previous year). The low increase in this group in comparison with previous years relates to achieving the limit: the proportion of MU students with impaired vision corresponds to the proportion of those with impaired vision in



▲ Study tools for blind students: books in Braille and special computer equipment

university's responsibility for information accessibility in the case of non-standard communicative abilities and the adaptation of didactic methods; these are not the responsibility of the students. Masaryk University has been gradually creating a uniform environment for students with special needs: organization and study regulations, a systematic electronic study agenda, a structured specialized workplace equipped with high technology, clearly divided competences across the university, a system of personal assistants, digitalization employees, tutors, lecturers and sign interpreters, a national electronic library of specialized literature, fully accessible to the visually impaired. A completely new system has been created for disabled students: the capacity of the university complex for disabled students features 44 workstations in computer rooms and reading rooms with



the general population of the Czech Republic and at some faculties, thanks to specific technical and organizational features, the proportion is even higher. The Support Centre for Students with Special Needs has organized 54 individualized semester-long courses in specialized lecture rooms for these students, personal assistance and help with spatial orientation. The number of books in Braille at university libraries exceeded 1,000, with the number of adapted titles available in electronic format being three times higher. In 2007 Masaryk University issued over 30,000 pages printed in Braille for blind students of other universities and secondary schools. This also promoted the development of lifelong education for those with severely impaired vision.

### Students with no or impaired hearing

The number of students with impaired hearing at Masaryk University in the 2007/08 academic year increased to 76 (from 52 in the previous year). This represents a striking increase of over 50%, which indicates that, in comparison with the visually impaired students, the demand has not yet been met. This is another area in which Masaryk University holds the leading position in the Czech Republic, allowing studies in the Czech sign language at all faculties. To meet the provisions of Act No. 155/1998, which grants people with impaired hearing the right to use sign language and the right to education in sign language, in 2007 Masaryk University employed three full-time in-house interpreters of sign language, who, together with another 15 external interpreters, provided sign language interpreting services, something unparalleled at other universities. This has led to the integration of students with severely impaired hearing in various fields of study at most faculties, which contrasts with the traditional concentration of these students in a few selected specializations. Masaryk University provides these students with special courses in the Czech and English languages, independent of the subject they major in. In 2007 three students and two teachers from Masaryk University represented the Czech academic community at the 15th World Congress of the World Federation of the Deaf in Madrid.

### Students with limited mobility

The number of students with limited mobility at Masaryk University in the academic year 2007/2008 increased from 28 to 48, which means the number almost doubled. This is connected to a higher number of facilities for the physically disabled, including those at its older buildings. The university finances parking spaces for the disabled, which allows students and teachers with limited mobility to park their vehicles in public places near the university premises.

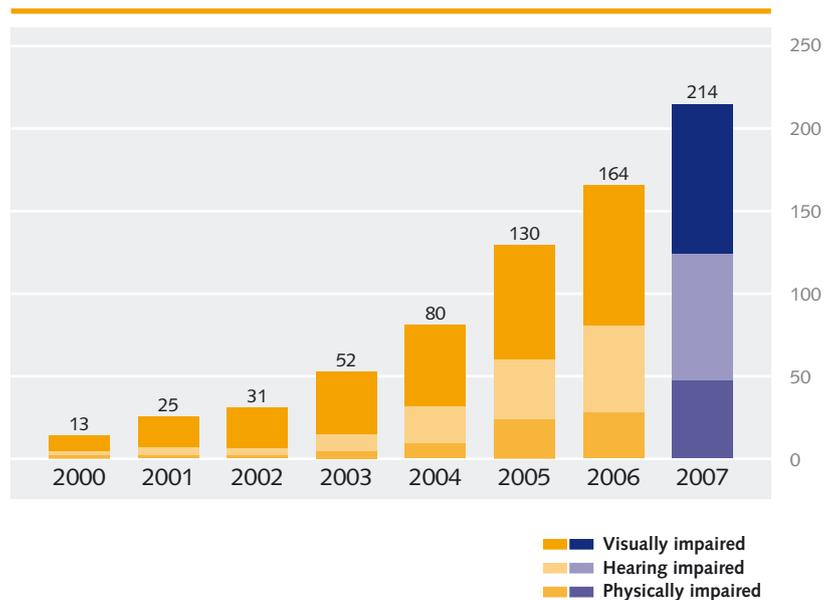
### Projects

In 2007 Masaryk University finished two large projects of the Czech European Social Fund: Integration module of tertiary and secondary education of the sensory impaired. A total number of 373 students with impaired vision and hearing from Czech universities and secondary schools took part in educational courses within the modules and the result of both projects is 43 electronic courses for sensory impaired students of mathematics, informatics and the English and Czech languages. In 2007 more students with special needs became interested in the student mobility projects: four seriously handicapped students took part in a semester-long stay abroad as part of the Erasmus programme. There was hardly any difference in the services provided to disabled students (accessibility of literature for the blind, spatial orientation for the blind, personal assistance for students with limited mobility) by Masaryk University and the partner universities.

## Entrance exams for disabled students

Since 2000 Masaryk University has been organizing special **entrance examinations** for disabled students. With the use of information technologies and alternative methods of communication and perception, the handicapped students are thus enabled to pass the standard written entrance examination. In the admission procedures for the 2007/2008 academic year applications to study at MU were filed by 208 severely disabled individuals (persons with limited work ability or holders of disability certificates) who wished to sit the entrance examination using a special form of communication. About one tenth of them registered for preparatory courses organized by the Support Centre for Students with Special Needs.

Graph 5 Increase in number of disabled students at MU





## University Centre Telč

The mission of the UCT in the Vysočina Region was defined as follows:

- **Partnership in Education:** Two secondary schools in Telč have been partner schools for MU ever since the beginning of the project Partnership in Education. The secondary schools view the cooperation as very positive and they participate in all activities that MU organizes concerning the project.
- **Language education:** In cooperation with the Education Centre Vysočina, the Faculty of Education at MU and its English Department a preparatory process has started for teachers to enable them to enrol in the study of English language and literature.
- **Construction of a student residence in Telč:** In the course of 2007 the ownership of property in Telč was conveyed by the Vysočina Region to the educational institutions in Telč (MU Brno, the Czech Technical University Prague and the Czech Academy of Sciences). Currently a project for a building permit has been worked out and after this has been obtained a new student residence will be opened and thus all the conditions will have been created for MU to offer on-site studies at the UCT.
- **Refurbishing of the UCT building:** In the course of 2007 the MU management presented a second proposal for a project entitled "Telč, refurbishing of the Jesuit complex – A Central European centre for cultural heritage". On 17 October 2007 the Monitoring Board recommended that the project be submitted to the Financial Mechanism Office for evaluation and for final decision by the EEA/Norway FM Board; the request is for a grant of 167 mil. CZK.

## Support for the development of regional activities in education

In accordance with the goals set out in the MU Strategic Plan, the **University Centre Telč** (UCT) contributed actively to educational opportunities in the regional context. These efforts reflect the national policy of support for equalizing the educational levels in all regions of the Czech Republic.

The planned development of activities at UCT is expected to play a very important role in the development of education in the Vysočina Region, which is in the bottom half of regions when it comes to the number of university students, as was shown in *A Dynamic Model of Comparison between Regions*, published at the end of 2007.

The UCT provides study and education opportunities as part of lifelong learning offered by MU faculties in the Vysočina Region and responds to the educational needs of the region – MU organizes seminars, conferences and summer courses.

► Education at the University of the Third Age



## Development of lifelong learning programmes

In 2007 the University of the Third Age developed on a large scale with regard to not only the number of students but also the wide range of educational programmes on offer. Teaching at the University of the Third Age in Brno and in Telč was carried out in five linked courses, in which 1,560 seniors started their studies in the academic year 2007/2008. In addition to the specialized courses in the basic programme, which has a multidisciplinary character, an additional 49 thematically focused short-term courses were organized for the students. The contents of the University of the Third Age programme, which is centrally coordinated by the MU Rectorate, are put together by all nine faculties of MU.

In 2007 the computer room of the University of the Third Age at the Faculty of Education continued to be made use of and a new University of the Third Age computer skills room and reading room was opened in the basement of the Faculty of Social Studies. The seniors have access to computers, the Internet, daily newspapers, magazines and journals and they can borrow supplementary reading materials, encyclopaedias, dictionaries and reference books about ageing.

# Research



Excellency in research and development is one of the top priorities of Masaryk University, whose focus places it squarely in the ranks of research universities. This can be seen in the close relationship between scholarship and research in the doctoral and Master's degree programmes as well as in the number of successful research projects across the whole spectrum of disciplines pursued at the university.



### 3.1. A RESEARCH UNIVERSITY

The principal goal of Masaryk University in the area of research, declared both in the Strategic Plan for the period until 2010 and in the updates for every year, is to attain results of such quality and quantity that the university will be able to compete internationally and take a permanent place among the leading European research institutions. This goal lies behind the decision to focus support on team and project research, while at the same time offering appropriate support for the quality research of smaller groups and individuals. This approach, which has been systematically supported by the university, was recently evaluated by both Masaryk University and external assessors. In 2007 the level of internal evaluation was significantly strengthened by carrying out financial audits of several groups of projects (research centres and centres of basic research). Currently, within the framework of its internal evaluation procedures, Masaryk University is about to invite international assessors to evaluate the work of its research centres.

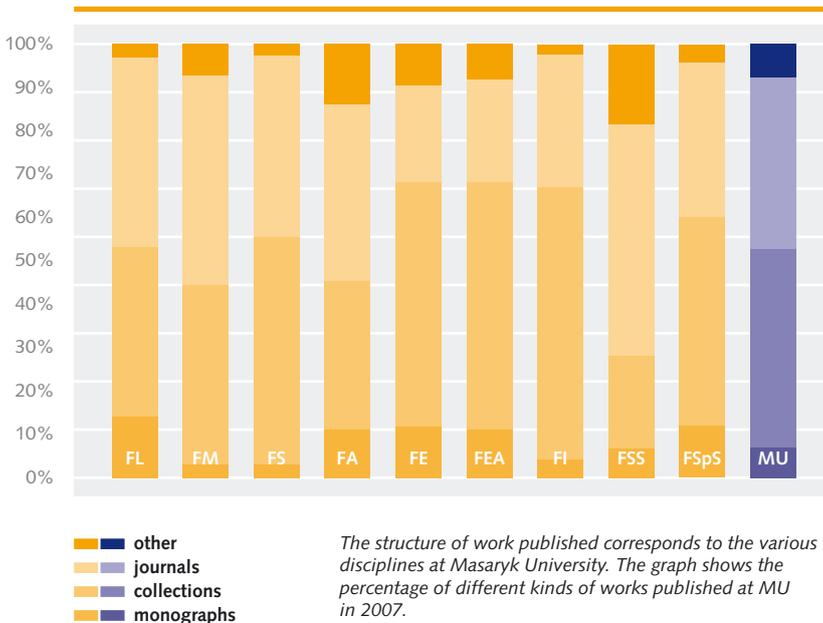
#### Team work and research projects

Team, group and individual creativity has been focused not only on basic research, which is the primary area of research for every modern research university, but also in the recent period on applied and industrial research, including research dealing with issues of European relevance (for example security research). The effectivity of team research is increased by the fact that the research facilities of

the Faculties of Science, Medicine and Sports Studies are being concentrated at the university campus in Brno-Bohunice, which offers the opportunity for researchers to work closely together in the field of biomedical research.

One indication of the high quality of team research at Masaryk University is the outstanding results achieved within the framework of long-term research plans, research centres and centres for basic research. Currently eighteen teams at the university are carrying out research within long-term research plans inaugurated in 2005 and four teams within long-term research plans dating from 2007. Validation of the university's decision to focus on team work in the area of research and development can be seen in the interim assessment of long-term research plans begun in 2005 that was carried out by an interministerial committee established by the Ministry of Education, which provides the financial support for the long-term research plans. While in the original consideration of the proposals nine long-term research plans were classified as being in the A category, following the interim assessment thirteen out of the total number of eighteen were assigned to this category. The assessment, completed at the end of 2007, proved the quality of the scientific teams at Masaryk University and in the context of the overall results of all the long-term research plans confirmed the high quality of basic research at Czech universities. Part of the assessment of the creative work of the research units is, in addition to tracking quality with the help of internal evaluation processes, recording the publication of research results.

Graph 6 Structure of research work published



▲ Working with genetic samples in a UCB greenhouse

Cooperation with other institutions is being strengthened within the framework of the teams at the basic research centres. There are seventeen of these at Masaryk University (six basic research centre teams were set up in 2005 and eleven in 2006; in the case of ten of them, Masaryk University functions as the coordinator). Three research centre teams (two dating from 2005 and one from 2006), in two of which Masaryk University functions as the coordinator, exemplify the focus on applied research. Basically all faculties are involved in long-term research plan teams and research centres of both types. A comprehensive summary of long-term research plans and centres in which MU functions as the coordinator, is to be found in the appendix. An indication of the stability of the generally high quality and balanced nature of the research activities at MU is the inclusion of practically all the broad disciplines pursued at the university in large projects, i.e. long-term research plans and centres of both types, including the humanities and the social sciences. Team research is of course supported in standard types of grant-supported projects: in 2007 research was done at Masaryk University within the framework of 142 grants from the Czech Science Foundation, including projects supporting the research of doctoral students (doctoral grants) and post docs (postdoctoral grants), 47 projects supported by the Academy of Sciences Grant Agency, 85 projects funded as part of research programmes of various ministries and 62 international projects. An overview of selected projects is to be found in the appendix.

### Unique units and facilities

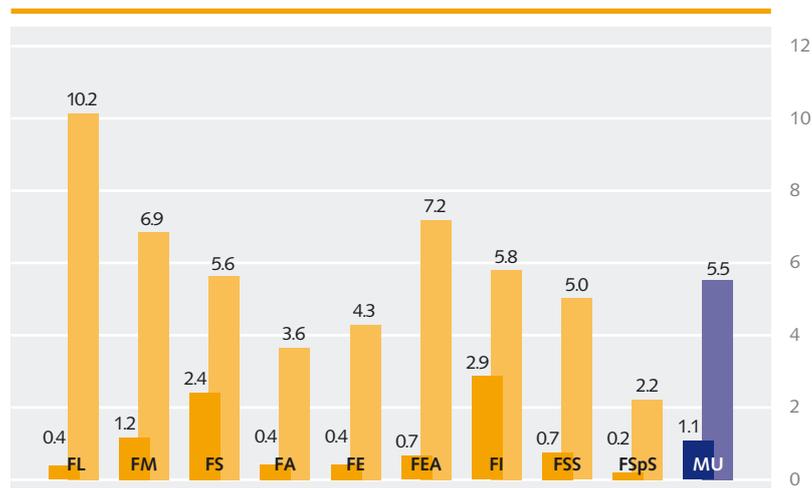
An important objective of Masaryk University, which was established in 2005 and fully achieved in 2007, is to take full advantage of the available research and development capacity, resulting among other things in the strengthening of effective management of property and financial assets. A well-prepared plan for sharing laboratories, unique instruments and other material facilities contributes to maximal integration in the use of all research infrastructure, especially unique laboratory equipment. There are a number of unique units or individual unique facilities at the university. The idea of integration in the form of sharing unique laboratories has been carried out mainly in the field of biomedical research as part of the cooperation between the Faculty of Science and the Faculty of Medicine at the university campus in Brno-Bohunice. Dynamic integrated research establishments have been established at the Faculty of Informatics and the Institute of Computer Science. Another unique university facility, which is 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 deals with research at individual faculties.

Graph 7 Percentage of research work published with international impact



An international impact of around 20% corresponds to the orientation and publishing specifics of the individual disciplines. Traditionally the international impact is highest in the sciences and informatics.

Graph 8 Number of publications per academic employee



Publication output is defined as the number of works published in relation to the work load of one academic employee. The high value of this parameter shown by the Faculty of Law is characteristic of the legal sciences. This is due to the large number of scholarly and education-related works published in the Czech language.

■ publications with international impact  
■ all publications



## Cooperation in science and research

The success of research and development is also based on the effective cooperation of research teams. The research establishments of Masaryk University cooperate closely with international scientific institutions which are concerned with research and development, in particular with universities and scientific institutions (above all the Academy of Sciences of the Czech Republic and institutes at individual ministries) whose primary task is not education. The ideal types of projects for the effectively coordinated creative activity of research institutions in the Czech Republic, including the opportunity to be connected to international establishments, are projects carried out by research centres and basic research centres, which are ideally suited for increasing the effectiveness of cooperation between institutions.



▲ Cooperation of top MU laboratories with schools

► ▲ University laboratory for teaching and research relating to semiconductor technology

In more and more cases cooperation is formally supported both within standard grant projects at the national and international levels and on the basis of contractual links between faculties and external research institutions. Cooperation is also carried out at the informal level, leading to joint publications of results, international conferences, seminars and other scholarly events. Cooperation with international institutions, especially with universities, is an important prerequisite for the internationalization of doctoral studies. Thanks to internationalization doctoral students have the opportunity to work on double doctorates. In 2007 two students successfully finished their studies with double doctorates.

Cooperation with the Academy of Sciences of the Czech Republic on research projects has become standard for Masaryk University. Many institutes of the Academy play an important role in the realization of doctoral degree programmes in a wide variety of fields. Basic and applied research almost always have applicable outputs. That is why successful cooperation between the university and ministerial and non-governmental institutions dealing with research and its application continues to develop.

## Projects of the EU Seventh Framework Programme

Masaryk University is drawing on the experience of its employees in the previous EU framework programmes and from the beginning has been responding systematically to the calls of the Seventh Framework Programme. In order to provide methodological support for applicants for projects in the Seventh Framework Programme, the MU Rector established an Academic Coordinating Committee for European Projects as an advisory and coordinating body capable of taking the initiative to ensure that the university makes best use of the financial resources offered by the European Structural Funds and the Seventh Framework Programme. Committee members include faculty representatives as well as leading scientific figures who enjoy international



prestige and have had great experience with winning and carrying out international projects, including ones in the EU Framework Programmes. There are three working groups concerned with systematic support of European projects, one of which is especially focused on the EU Seventh Framework Programme. The university has supported the initiative financially and partly covered some expenses connected with organizational activities in the development of the projects.

In 2007 a total of 53 projects that included the participation of Masaryk University were submitted. As of 14 February 2007 four projects had been signed, another four had been definitely accepted and two had entered the second round. Projects which were submitted in the second half of 2007 cannot be evaluated owing to ongoing negotiations.

### 3.2. DOCTORAL STUDIES

#### Doctoral studies as part of structured studies

Compared to other types of studies, doctoral studies are quite distinctive as they emphasize the individual creative work of the doctoral students. However they are still a part of the system of structured studies and share a lot of elements with Master's degree programmes. In view of this, the records of doctoral studies at Masaryk University comply with the Study and Examination Regulations, to which all faculties are subject. Masaryk University uses a credit system for recording the studies of doctoral students and the credits accumulate, as with the other types of studies. The specific features of doctoral studies, including the fact that the emphasis is laid on the students' own research, are respected through the introduction of special courses which are available to students alongside traditional courses – lectures which extend and deepen the basics of the field of study, special seminars and so on. The special courses usually have a flexible credit value, which simplifies the creation of a study plan according to one's own needs. Courses relating to languages (especially English) are obligatory, with an emphasis on specific academic terminology. The required level is C1 in the Common European Framework of Reference for Languages.

If a student passes the prescribed obligatory subjects at a university abroad, or in the form of a double doctorate or individually, he or she has the right to ask the university to create the conditions for completing studies according to the regulations for a European Doctorate. The university has already noted the first cases of interest in the European Doctorate.

In accordance with provisions of Act No. 111/1998 (the Higher Education Act), doctoral programmes at some faculties were reaccredited as four-year programmes as of the academic year 2007/2008 and new doctoral boards, doctoral committees and committees for final state examinations were named.

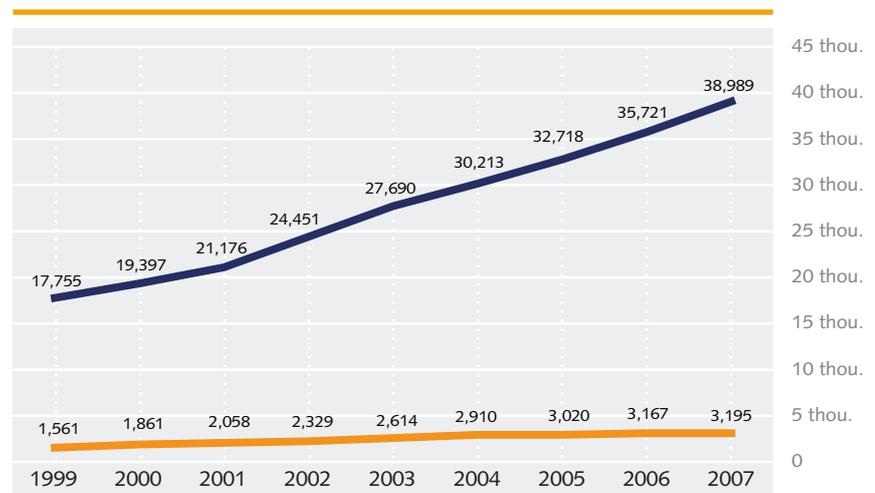
#### Doctoral students as members of research teams

The research activities of students form an important part of doctoral studies. Doctoral students at Masaryk University are integrated into research projects and become full members of large research teams working on long-term research plans, at research centres and at basic research centres.

Currently over 3,000 doctoral students are studying at Masaryk University, representing some 8% of the total number of students at the university. This percentage is one of the parameters that characterize the university as a research university. While the number of all MU students continues to increase steadily, the number of doctoral students has stabilized in recent years, a phenomenon that was expected.

The opportunity to choose future doctoral students from increased numbers of Master's degree programme graduates is, despite the slow increase in the total number of doctoral students, a positive phenomenon in relation to the quality of doctoral studies. The percentage of doctoral students at a university is usually considered an identifying characteristic of a research university (or faculty). Nevertheless it cannot be the only relevant parameter. The results are significantly influenced by the fields of study of the faculty's research activities and the efficiency of studies, which is characterized for example by the ratio between the real and the standard period of studies.

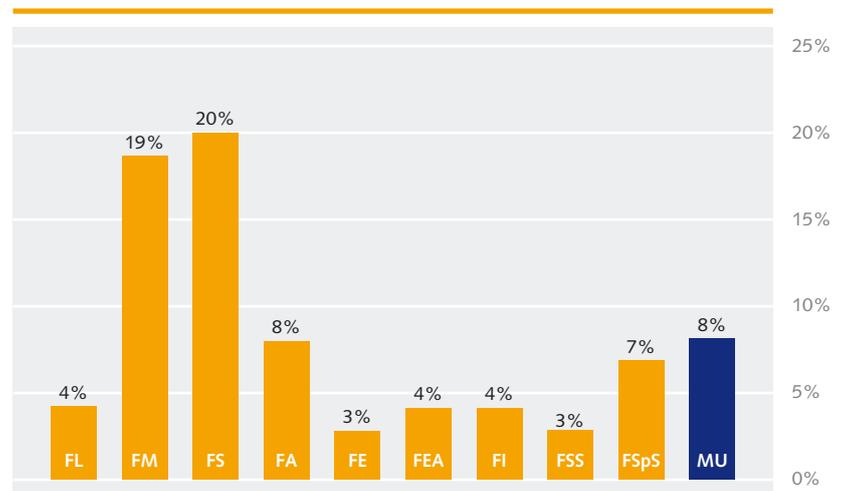
Graph 9 Number of MU students and doctoral students



The graph shows the increase in the number of MU students over time in comparison with the increase in the number of doctoral students, where there is a certain levelling off.

■ Number of students  
■ Number of doctoral students

Graph 10 Percentage of doctoral students at MU faculties





## Awards in 2007

### Honorary Doctorates awarded by Masaryk University in 2007

- **Professor Dr. Joachim Jens Hesse**, International Institute for Comparative Government and European Policy in Berlin
- **Professor Stein Ringen**, Oxford University

### Gold Medals

- **Professor Gustav Ammerer**, University of Vienna
- **Prof. MUDr. Zuzana Brázdová, DrSc.**, Faculty of Medicine, MU
- **Assoc. Prof. PhDr. Vladislav Mužík, CSc.**, Faculty of Education, MU
- **PhDr. Jan Pavlík**, Faculty of Arts, MU
- **Prof. PhDr. Vladimír Podborský, DrSc.**, Faculty of Arts, MU

### Rector's Award for a major creative accomplishment

- **Prof. PhDr. Břetislav Horyna, Ph.D.:** *History of Early Romanticism*, Vyšehrad, 2006
- **Prof. MUDr. Petr Dítě, DrSc., et. al.:** *Internal Medicine I-III*, Masaryk University, 2005
- **Assoc. Prof. JUDr. Karel Marek, CSc.:** *Contract and Business Law. Contracts*, Masaryk University, 2006.

### Rector's Award for the best students in doctoral programmes

- **Mgr. Tomáš Brázdil**, Faculty of Informatics
- **Mgr. Martina Pokorná**, Faculty of Science
- **Mgr. Radek Pelánek**, Faculty of Informatics
- **Mgr. Pavel Babica**, Faculty of Science
- **Mgr. Vlastimil Havlík**, Faculty of Social Studies
- **Mgr. Radka Chaloupková**, Faculty of Science

## Internationalization of doctoral studies

Internationalization of studies is one of the most important objectives of Masaryk University as defined in the Strategic Plan. Fulfilment of this objective in the doctoral degree programmes is carried out by means of gaining accreditation in English or another language widely employed in the particular field. The goal of gradually gaining accreditation in a foreign language for all programmes and fields of study within doctoral studies is being achieved, and has in fact been met completely at some faculties (Science, Medicine, Informatics, Social Studies and Sports Studies). The language competence of doctoral students is strengthened by means of obligatory courses, which enable the doctoral students to reach level C1 within the Common European Framework of Reference for Languages. In addition to concluding agreements about double doctorates, making use of standard programmes of student mobility and projects supporting visiting professors, internationalization in the area of doctoral studies is being partly achieved through a development project which was first in operation in 2007. The aim of the project is to ensure the systematic and effective integration of doctoral students and new research workers into research teams, among other ways through research internships aimed at promoting high-quality doctoral dissertations and the achievement of research results that are competitive within the European milieu. In 2007 a total of 25 doctoral students and young research workers took part in the development project.

▲ ◀ Rector's award for the best students

### 3.3. IMPROVING ACADEMIC STAFF QUALIFICATION

The aim of the long-term plan for improving qualifications and career advancement among MU academic staff as defined in the Strategic Plan for educational, scientific, research, development, artistic and other activities at MU until 2010 is to maintain and strengthen the position of MU as a research

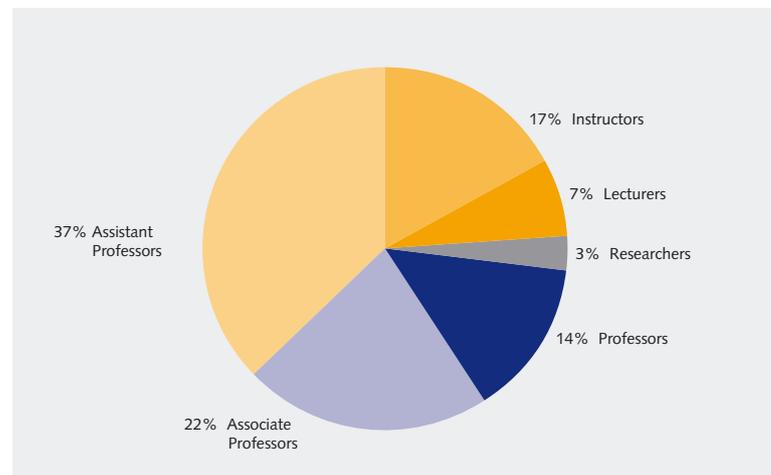


university with high-quality and balanced, educational, research and development activities. The prime goal is to strengthen the stability and quality of teams led by Professors and Associate Professors, who ensure continuous support for the academic and pedagogical quality of the teaching in accredited degree programmes at all levels of studies and the possibility of accreditation for new degree programmes, especially those of an interdisciplinary and interfaculty character, whose viability reflects the broad spectrum of disciplines offered at the MU faculties; a permanent guarantee of the high quality of doctoral degree programmes, especially when it comes to the creative work of students as part of research teams; and finally the quality of team research at the faculties and within the framework of interfaculty cooperation.

The demanding nature of habilitation procedures and those for the appointment of professors, consisting, among other things, in the requirement for the applicants to display both teaching abilities and original scholarship and for these to correspond in both quality and extent to internationally recognized standards, require support in the final stages in the form of research trips and sabbaticals (as defined by law). For these reasons, 2007 saw the introduction of a development project entitled "Career growth of MU academic staff as a means of improving the quality of research and teaching". Within the project, selected academic staff who committed themselves to submitting their proposal for the commencement of habilitation procedures or procedures for professorships before the end of 2007 were given support in the form of sabbaticals

or research trips. On the basis of the support thus received, a total of 31 individuals commenced habilitation and professorship procedures.

Graph 11 Structure of academic staff



The pie graph shows the current qualification structure of MU academic staff in 2007 (average numbers)

◀ Research in the Antarctic

Graph 12 Percentage of Professors and Associate Professors at MU faculties



The graph displays the ratio of Professors and Associate Professors against the total average number of academic staff at individual faculties.

■ Associate Professors  
■ Professors



# The University and Links to the Society



Masaryk University is an important player in a complex network of social relations. It addresses large numbers of prospective students and graduates, is involved in shaping its image with the general public, enters into a number of formal and informal relations with institutions and individuals, and forms partnerships on the regional, national and international levels. In 2007, in line with its development strategy and the region's needs, the university set as its priority the development of international relations. In its external links, growing importance was laid on increasing cooperation with the commercial sector and the transfer of knowledge and research results into practice.



## 4.1. PUBLIC RELATIONS AND MARKETING

The development of the internal culture of an institution is not possible without the creation of space for communication and mutual interactions. For the third year, Masaryk University published the university periodical *muni.cz*, which is issued every month except for July and August. Designed to appeal to university employees and students as well as the general public, it brings information about the current activities of the university and profiles of outstanding university figures and its alumni, and offers views and observations of students and academic staff on university life. The magazine also provides regular information about research projects, discoveries and inventions and student and sports activities at the university's nine faculties. Thanks to the on-line version, all university information is permanently available to a wide community of readers. The Technology Transfer Office took advantage of the printed version of *muni.cz* to insert and distribute the first issue of its new newsletter *Interface*.

The university plays an important cultural role in the city of Brno and the South Moravian Region, for both the academic community and the general public. In 2007 the university not only supported student activities but also organized several concerts and exhibitions, continued building up its art collection and took care to see to the esthetic aspects of its newly constructed and reconstructed buildings. Of the many interesting social events, it is worth mentioning the competition for the University Wine of the academic year 2007/2008, which took place in the Augustinian Abbey in Old Brno.



▲ Schola Gregoriana Pragensis concert, held on the occasion of the opening of the new academic year

► *INTERFACE*  
The newsletter of the Technology Transfer Office

### Potential students

Faced with growing competition, the university must work much more systematically to appeal to potential students. In order to develop effective communication mechanisms with these individuals, Masaryk University has developed a support marketing system for the entrance examinations and studies, which contributes to the more profound decision making of the university management in the area of promoting the programmes.

Based on analysis and statistical findings, a new **communication strategy for potential students** was devised. A special graphic design for all promotional tools was created and materials were unified. Great emphasis on the coordination and integration of all communication activities was a crucial part of the promotion, as was the emphasis on thematic and timely links to the university's activities. This concept was successfully applied during the presentation and promotion of Masaryk University throughout the year at post-secondary education fairs, special university events for applicants, during the creation of the first special magazine for applicants, *Muni Extra*, in electronic newsletters for secondary schools and printed materials, and through other promotional tools.

### MU alumni

In 2007 Masaryk University continued in building an all-university database. A detailed analysis of accessible data from all faculties and the university archives was carried out and the contents and technical features of the database were agreed on in cooperation with the MU Information System development team. In 2007 the university began preparatory work on the database in the form of updating alumni data in the MU Information System.

In accordance with MU's Strategic Plan, Masaryk University supported the activities of the association of the **Alumni and Friends of MU**. The university provided the association space for presentation at MU social events and enabled its members to use all of the university libraries' services free of charge. In 2007 the association introduced membership cards which provide their holders with extra discounts and other advantages within the partner network. By the end of 2007 the Alumni and Friends of MU had 1,560 members.



## Providing access to science and research results, and their popularization

In 2007 Masaryk University paid great attention to activities focusing on the promotion of science and research. The university used the opportunity to participate in the EU's "**European Researchers' Night**" project, which gave scientists and the general public the opportunity to meet up during a varied programme full of discussions about science, competitions, games, quizzes and demonstrations of scientific experiments. The idea behind the event was to stimulate interest in scientific work among the general public. Altogether 4,000 visitors attended MU's Researchers' Night, which was organized with the help of 18 teams from MU faculties in cooperation with the Brno Observatory and the Natural Scientists Society of Masaryk University in Brno.

In 2007 MU further focused on targeted popularization of science at secondary schools: the university prepared the Physical Circus and coorganized Brno's programme in the Week of Science and Technology, which offered lectures linked by the main theme of "The Fascination of Light". In 2007 over 200 visitors were drawn to the Open Day at the university campus in Brno-Bohunice, where they could see the new laboratories and university library.



## The Mendel Museum

The Mendel Museum became a part of MU in April 2007. The Director's post was filled in July and the museum has started to work as an integral part of the university. In 2007 the museum presented a temporary exhibition "Counting Chromosomes" and an exhibition of religious sculptures by Otilie Demelová-Šuterová. The attendance from July to December was 4,066. The budget amounted to 2.2 mil. CZK.

## Publishing activities

Masaryk University is one of the largest scholarly publishers in the Czech Republic. In 2007 MU published 336 non-periodical publications and 12 journals. In order to improve this activity the organization of publishing work was substantially changed in the middle of 2007 and a new publishing house, the Masaryk University Press, was established as an autonomous unit responsible for managing publishing activities. Masaryk University has become a member of the DILIA association. The publishing house prepared a presentation and a sales exhibition of MU's publications at book fairs in Prague, Havlíčkův Brod, Frankfurt am Main and Olomouc. The Publications Committee prepared a programme for the coming period. The premises of the publishing house were adapted for the purpose of distribution and mail-order services of the Shopping Centre. The main aims of the organizational change have begun to be implemented – the presentation of the current production, the creation of a common distribution network, the enlargement and creation of MU editions, strengthened coordination between the faculties' editorial departments and MU bodies, co-editions with other publishing houses and the coordination of periodicals.

## Lecture series at Mendel Museum

In addition to exhibition activities, the museum organized a series of **Mendel Lectures**. The lectures drew large audiences from among MU students and scientists in all scientific fields.

### In autumn 2007 the following lectures were organized:

- Professor Titia de Lange (Rockefeller University, New York, USA) – "How telomeres deal with the DNS damage response"
- Professor Walter J. Gehring (Biozentrum, University of Basel, Switzerland) – "The Master Control Gene of Eye Development and Evolution of Light Reception"
- Professor Svante Pääbo (Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany) – "Of Humans, Neanderthals and Apes"

◀ Exhibition at the Mendel Museum: a replica of the original DNA model



## 4.2. INSTITUTIONAL PARTNERSHIPS

### Cooperation with other universities and research institutes

In 2007 Masaryk University was the main partner in the project for a Central European Institute of Technology (CEITEC), to be submitted under the operational programme Research and Development for Innovation, in which several other universities and research institutes in the South Moravian Region are also engaged. The project is based on the fact that the city of Brno plays a vital role in the Czech Republic in the field of information technologies and telecommunications, medicine, research and biotechnologies, and is therefore the most suitable place for innovation. The aim of the project is to create an outstanding centre of science and stimulate the research and



▲ Students of a partner secondary school

► The first annual job fair catalogue

innovation potential of the Czech Republic, which will contribute to the increased competitiveness of both the Czech Republic and the region.

### Cooperation with the South Moravian Region

The university took part, as it does each year, in activities organized by the Brno Centre for European Studies (BCES) and South Moravian Centre for International Mobility (JCMM), especially in two projects: Support for the Internationalization of South Moravian Universities and Support System for Talented Students in the South Moravian Region.

The South Moravian Region provides funding for the project **Mozek** (Brain), which is implemented at research facilities of Masaryk University. The aim of the project is to attract top international scientists to the university's research units and thus support a "brain gain" to the region. In 2007 an agreement was signed between the two sides, on the basis of which funding was received from the South Moravian Region to support the scientists. Masaryk University published an advertisement in *Nature* for the position of a visiting scientist; the applications received will go through a selection procedure in 2008.

### Cooperation with secondary schools

In 2007, thanks to the support of Development Project funding of the Czech Ministry of Education, Masaryk University continued its previously established cooperation with secondary schools and proceeded in taking the project further. This network of schools and its structure reflect MU's strategic interest in attracting the best students from the whole Czech Republic. In 2007 the project, entitled "**Partnership in Education**", involved fifty secondary schools in the Czech Republic and Slovakia.

### Cooperation with private companies

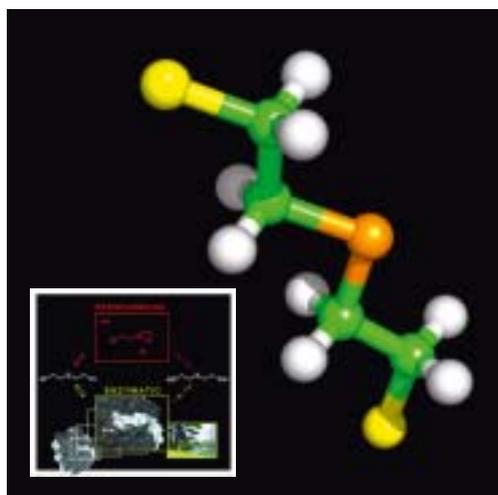
In autumn 2007 Masaryk University organized the first university-wide event in support of a partnership between MU and the private sector, a job fair entitled **Job Challenge Brno 2007**. The fair served as a venue for both offering and seeking jobs. For companies this is a direct way of finding the best future employees, and for students and future graduates the fair represents an opportunity to start their own career and the first step towards establishing connections with companies (for example in the framework of preparing studies, projects and themes for theses).

The university also sought to cooperate with a wider range of sponsors offering financial support, for example for its cultural and social activities. In 2007 most of the university's partners were in the bank and construction sectors. These were: OHL ŽS (general partner), KB, Metrostav and Českomoravský cement (main partners), IMOS, Starobrnno and Zlatá hvězda (partners).



### 4.3. TRANSFER OF KNOWLEDGE AND RESEARCH RESULTS

The **MU Technology Transfer Office (TTO)** is the institutional forum for the implementation of research and development results at Masaryk University. It sees to the protection of intellectual property, provides technology and knowledge transfer and supports academic commercial activities, including overlaps with teaching and marketing. In 2007 the office team, which is formed by three project managers, a lawyer and a financial expert and is supported financially by the operational programme Industry and Business, concentrated on the following areas: plasma physics, the industrial application of enzymes, bio-statistical analysis, the environment, the exploitation of technologies in the areas of genomics and proteomics, and information technologies.



In 2007 three new **MU patent applications** were filed (all by the Faculty of Science), one of which was European, and two other patent applications are in the final phase of preparation (Faculty of Medicine and Faculty of Science). One trademark was also filed for registration – a European Union trademark for an original form of training (Faculty of Sports Studies) – as well as two trademarks related to the construction of the new university campus. With the help of the Technology Transfer Office a new workstation, LabSupport, was set up at the Faculty of Science. It will concentrate on services and training for university and other clients.

The research and development of Masaryk University was presented at the International Engineering Fair and the HOSPIMedica fair in Brno in cooperation with the Technology Transfer Office. Cooperation with an association of companies, CEITEC Cluster – Bioinformatics, was developed. The website of the Technology Transfer Office was launched in the form of an internal information portal with its own editorial system, and the first issue of *INTERFACE* magazine initiated a new tradition of an in-house technology magazine. In 2007 the office registered around 50 students in a course it operates that is entitled "The scientist-entrepreneur". The second

half of 2007 saw the TTO's activities gradually expand to include the area of support for strategic projects from international resources, especially the Structural Funds and the Seventh Framework Programme. A team of four consultants with experience in European projects (on the regional, national and European levels) was created and began working in support of individual clients across the university spectrum and in the development of general relations and schemes (full cost model, a system for searching for opportunities and evaluating projects, etc.). Financial, legal and administrative support is shared with the team for technology transfer.



#### In the course of 2007 four spin-off companies were established

- **INVEA-TECH** (with capital participation of MU, FPGA technology)
- **ENANTIS** (under licence contract, protein engineering)
- **Advex instruments s.r.o.** (sale of rights for utility models)
- **MYCROFT** (engaged in information technologies; sale of a licence for MU intellectual property now in its final phase)

▲ ◀ The mustard gas molecule and a schematic illustration of its degradation



# Development Activities and Support Processes



In 2007 the construction of the University Campus in Brno-Bohunice made great progress. The campus will provide facilities for more than 5,000 students in biomedical fields, especially from the Faculties of Medicine and of Science, and will also be home to students of the Faculty of Sports Studies. Other specialized research facilities as well as developments catering for the social life of students and employees of Masaryk University are also under construction in the immediate vicinity of the campus.



## 5.1. INFRASTRUCTURE MANAGEMENT

The development of the Masaryk University infrastructure was mainly realized through Programme 233 330 "The Development of the Material and Technical Base of Masaryk University", approved by Resolution No. 203 of the Government of the Czech Republic of 27 February 2002 and amended by government resolution No. 986 of 20 July 2005.

### Financing of Programme 233 330

- The programme was approved with a budget of 6,425 mil. CZK.
- As of 31 December 2007, expenditures within the programme totalled 4,041 mil. CZK, of which 2,391 mil. CZK was funded from the state budget, 710 mil. CZK came from the repayable financial assistance, 675 mil. CZK came from Masaryk University's own resources, and the city of Brno contributed with 265 mil. CZK. So far, 69 mil. EUR of the EIB loan for the implementation of Masaryk University's development programme has been transferred to the state budget of the Czech Republic.
- The entire amount spent on implementation of Programme 233 330 in 2007 was 985 mil. CZK. The share of funding from the state budget amounted to 153 mil. CZK, the share of financial assistance amounted to 510 mil. CZK, the share of Masaryk University's own financial resources amounted to 147 mil. CZK and the contribution by the city of Brno amounted to 99 mil. CZK.

### Renovation and modernisation of MU's existing buildings

The first part of the programme (Sub-programme 233 333) includes the reconstruction and modernization of the existing buildings in the historical city centre of Brno, in particular extensive renovations of the structural elements of buildings, the modernization of the technological infrastructure, the reconstruction of classrooms, laboratories and other premises, as well as the modernization of laboratory equipment and information and audiovisual technologies.

► A reconstructed building of the Faculty of Science

### Renovation and modernization of MU's buildings in 2007

- In 2007 the reconstruction of the Kotlářská site (started in October 2004) continued. Of the total cost of reconstruction of the Kotlářská site, which will amount to 607 mil. CZK, the amount spent as of 31 December 2007 was 488 mil. CZK.
- In addition, the loft conversion project at the Faculty of Law was completed in 2007 and the supplying of Masaryk University with various facilities and equipment, especially scientific instruments, continued (began in 2002).

### Construction of the MU campus in Brno-Bohunice

The second part of the programme (Sub-programme 233 332) is the construction of the Masaryk University Campus in Brno-Bohunice (UCB), which comprises the reconstruction of the existing buildings acquired by Masaryk University at the end of the 1990s in the vicinity of the Faculty Hospital in Bohunice and the construction of the new part of the Bohunice campus intended for the purposes of the Faculty of Medicine, the Departments of Biology and Chemistry of the Faculty of Science and the Faculty of Sports Studies. Upon the completion of the UCB, Masaryk University will obtain approximately 50,000 m<sup>2</sup> of new utilizable floor space, of which 20,000 m<sup>2</sup> is will be for teaching, 17,000 m<sup>2</sup> for laboratories and research, 5,000 m<sup>2</sup> for academic staff offices and 2,000 m<sup>2</sup> for administrative offices. The UCB is designed to accommodate approximately 5,000 students and 500 academic and administrative staff.

In spite of every effort, it proved impossible to launch the construction of the remaining parts of the campus. In February 2007, the university was forced to cancel the tendering procedure for the completion of the construction of the university campus on the grounds of unreasonably high bids. As a result of the second calls for tenders, Masaryk University achieved reasonable bids, which were 757 mil. CZK lower than the lowest in the cancelled tender. These would enable the completion of the university campus. Even though the total sum exceeded the approved financial limit by 175 mil. CZK, VAT inclusive, i.e. by 2.7%, Masaryk University suggested covering this by increasing its own share of the funding for the programme's realization. As a consequence of the new tenders, the completion dates were postponed by four months, from 31 August 2008 to 31 December 2008; this also required formal approval by an amendment to the relevant government resolution. However, both of the above-mentioned reasons were of a rather





## Construction of Masaryk University campus in 2007

- In 2007 the **Blue Stage** of the MU campus was completed, following on from the reconstruction of the Morphological Centre building and the construction of the Integrated Laboratories for Biomedical Technologies. This stage consists of eight pavilions designed for the needs of the Faculty of Medicine and the Faculty of Science. At the same time the Information Centre was completed and put into operation; this is one of the basic prerequisites for successful teaching and scientific and research activity. The total cost of the Blue Stage amounted to 1,552.618 mil. CZK.
- In addition, the **technical infrastructure** of the campus (reconstruction and completion of public roads, the sewer and water systems) was completed in 2007. The total cost of this stage of the campus construction amounted to 304.648 mil. CZK, of which 265.134 mil. CZK was financed from contributions by the city of Brno.

formal nature in view of MU's commitment to covering the difference in available funds from its own resources. MU therefore regularly submitted proposals for amendments of the documentation for approval by the government. The proposal of Masaryk University for the solution of the problems that has arisen was not, however, approved in time and most of the firms that had submitted the winning tenders gradually withdrew their offers as they could no longer remain idle.

The above reasons, however, were not the essential ones. The fundamental reason for the failure to commence further construction and other material complications lay in the exchange rate losses incurred as a result of drawing the loan from the European Investment Bank at an increased exchange rate of the CZK towards the EUR. The EIB loan agreed in 2002 for 95 mil. EUR has been, and will continue to be, drawn on at an exchange rate significantly lower than the one estimated at the time when Programme 233 330 was approved (32.847 CZK/EUR). In the middle of 2007 the actual income from the EIB loan expressed in CZK was therefore estimated (at the anticipated exchange rate for drawing the remaining tranches of the loan at 27.00 CZK/EUR) to be 422 mil. CZK lower. Despite the obligation

resulting from the contract with the European Investment Bank, the Ministry of Education, was unable to cover from its budget the corresponding deficit in the state budget funding planned and approved by government resolution No. 986 of 20 July 2005 for Programme 233 330, and refused to grant consent for the completion of the construction owing to lack of funds to cover the same. As Masaryk University is only a recipient of the funds from the EIB loan through the state budget, it has not had any power of disposal of the loan, its funds or security. This role is fulfilled by the state through the Ministry of Finance.

Masaryk University prepared a draft amendment to Programme 233 330 to solve the problems that had arisen, on the basis of which the Government of the Czech Republic decided by Resolution No. 1340 of 28 November 2007 on partial compensation of the exchange rate losses in the amount of 422 mil. CZK. However, as most of the firms concerned had withdrawn their bids by that time, it was impossible to sign contracts, and in compliance with the Public Tenders Act it was necessary to prepare the process for announcing new tenders. The further procedure for the completion of the construction of the university campus will be determined in 2008.

▲ ◀ UCB skyway

▼ ◀ Students at the new campus

▼ The UCB Energy Centre



## 5.2. INVESTMENT IN HUMAN RESOURCES AND EMPLOYEE SUPPORT

### Human Resources management

In 2007 the **implementation project for a new HR information system** was completed, the main aim of which was routine payroll processing, information support for the personnel and payroll area and the integration of personnel and payroll data and applications into the surrounding information systems. Features of the new IS include a **synchronised central register of personal data** with an easy retrieval of basic information about persons when creating employment relationships, a **registration of organizational structures**, making possible a definition of a training hierarchical relationships among individual workplaces and their categorization, a systemization of **jobs** and information support for the area of **work safety and training planning**. Within the framework of the project, unique functions were created enabling detailed monitoring of the multiple-source financing of salaries at MU.

### Training

Within the framework of the internal employee training system, a five-year project for the **development of language skills** was completed in 2007, the aim of which was to increase the English language skills of the MU administrative staff. For the future, a programme focusing on deepening the acquired skills is planned. Within the framework of a development project a training programme was realized, which focused on **improving the level of utilisation of MU's information technologies and information systems**; intended primarily for the training of academic staff, in the case of administrative staff the main aim was to deepen skills in the use of operational information systems.

### Motivation system

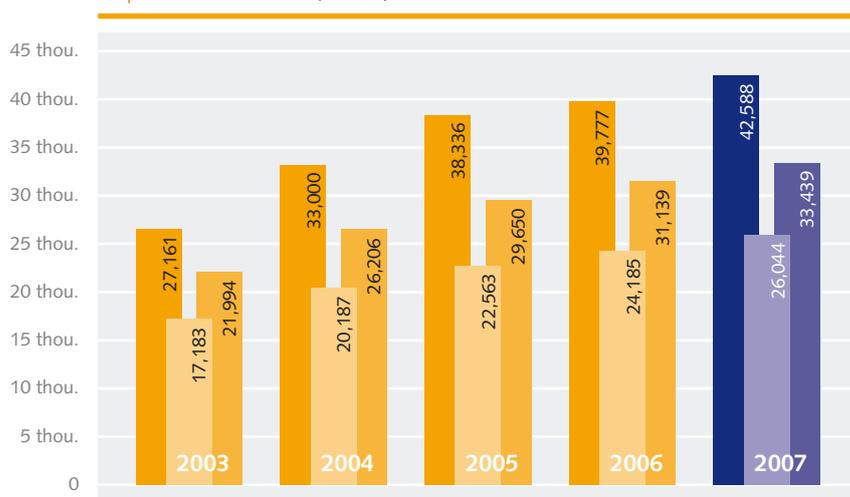
In 2007 the financial resources created by means of the Social Fund were used mainly for the provision of a **contribution by the employer to the pension insurance of employees**, within the framework of which 20 mil. CZK was paid out in 2007. Altogether 75% of employees enrolled in the programme and the average contribution per employee amounted to 702 CZK.

A **motivation audit** was carried out at MU in the first half of 2007, the aim of which was to obtain data for setting up a functioning motivation system. The first stage of the audit was carried out among administrative staff. The interest of employees was substantial and the audit results can be identified as very positive. Its employees evaluate MU as a very prestigious institution; the level of general satisfaction is high and is connected with attributes such as interesting work, stability and security, the possibility to learn new things, the employer's concern for employees and a friendly working environment. The audit confirmed the correctness of decisions taken by MU in the social sphere with regard to the provision of a contribution to pension insurance, language training and to subsidies for meals.

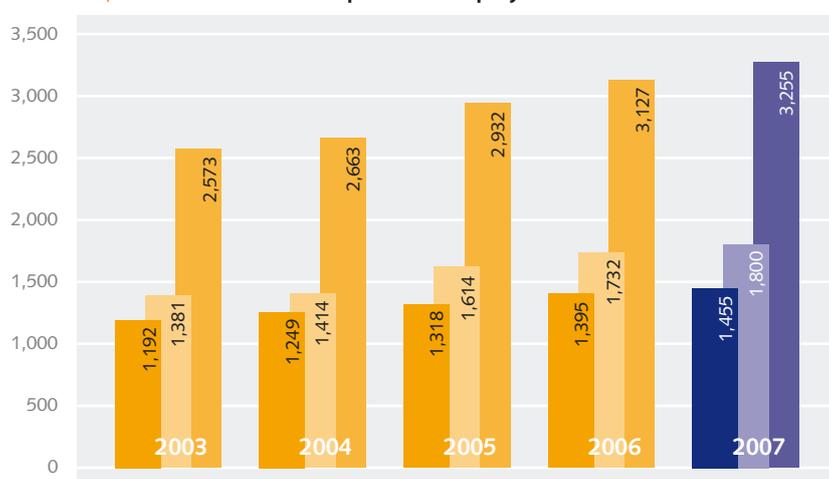
The average salary of MU employees grew by 7.4% in comparison with 2006.

■ Academic staff  
■ Non-academic staff  
■ Total

Graph 13 Mean salaries (in CZK)



Graph 14 Mean full-time equivalent employees



### Employees and salaries

In 2007 changes in the remuneration system began, the objectives of which have been to simplify the system, improve its transparency, remove administrative technicalities (such as taking into account the number of years of employment) and emphasise remuneration based on performance. The mean salaries of MU employees in 2007 amounted to 33,433 CZK; the mean salaries of academic staff increased by 7.1% and of non-academic staff by 7.7% compared to the previous year.

In 2007 a total of 4,241 employees were employed at MU (up 2.7% over 2006), of whom 2,015 were academic staff and 2,226 non-academic staff. Full-time equivalent employees of MU amounted to 3,255, an increase of 4.1% compared to 2006.

### 5.3. ACCOUNTING AND FINANCIAL MANAGEMENT

#### Non-capital budget

Total non-capital revenues of MU in 2007 amounted to 3,667 mil. CZK, representing an increase of 15.5% in comparison with 2006. Costs in 2007 amounted to 3,595 mil. CZK. The university's after-tax income in 2007 amounted to 71.644 mil. CZK, representing 1.95% of the university's total revenues. The 9% increase in the number of students resulted in a boost in non-capital revenues, which was reflected in particular in the increase to the funding for teaching activities (indicator A) by the Ministry of Education, up by 7% over 2006.



In 2007 the non-capital funding from the Ministry of Education, totalled 2,540 mil. CZK (an increase of 10.5% over 2006). Another 149 mil. CZK came from elsewhere in the state budget and from the budgets of local and regional government bodies (an increase of 11% compared to 2006), 38 mil. CZK from abroad (down 11% compared to 2006) and 37 mil. CZK from other public sources (up by 9% over 2006). The total contribution of public resources from the Czech Republic and from abroad amounted to 2,763 mil. CZK (up by 10% over 2006). The non-capital investment funding provided by the Ministry of Education, in 2007 for teaching activities and specific research amounted to 1,712 mil. CZK, representing 46.69% of the university's total revenues. This comprised 1,592 mil. CZK for teaching activities (indicator A, an increase of 7.1%) and 120 mil. CZK for specific research (up by 6.2% over 2006).

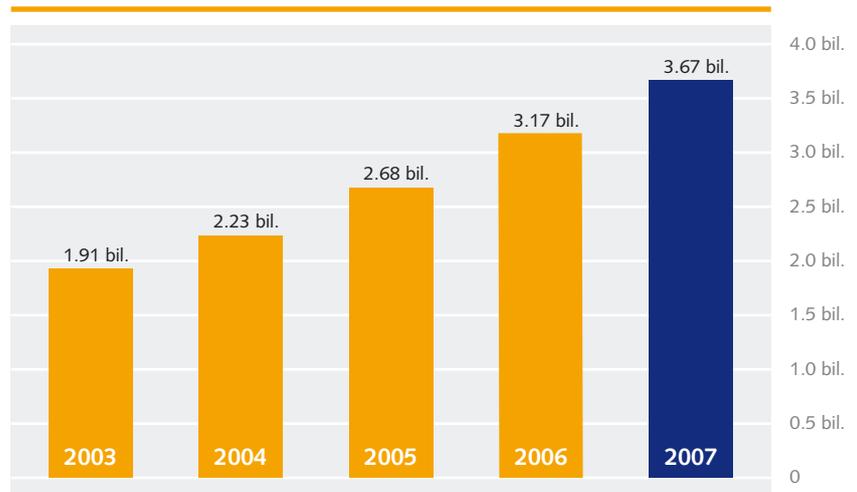
Non-capital funding for student accommodation and catering in 2007 amounted to 18 mil. CZK (an increase of 10% in comparison to 2006), representing 10.9% of total revenues of the Accommodation and Catering Services.

#### Research and development

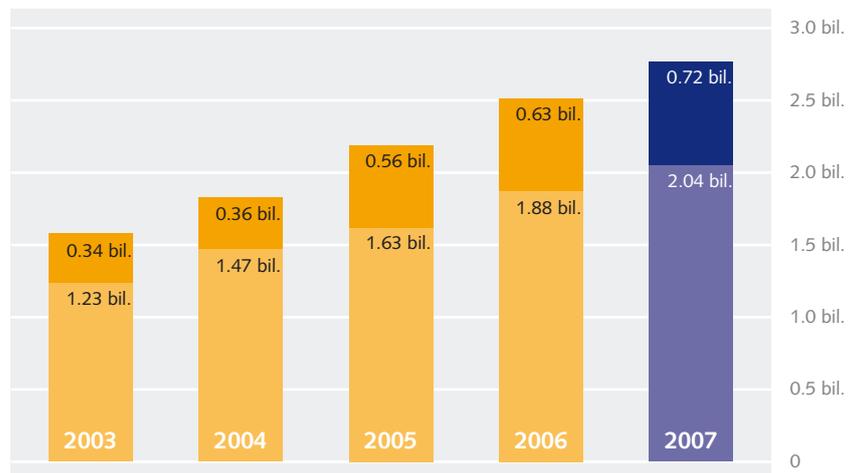
Non-capital funding for research and development (normative and targeted) amounted to 720 mil. CZK (an increase of 14% over 2006), made up of 562 mil. CZK from the Ministry of Education, 146 mil. CZK from other parts of the state budget and from the budgets of local and regional government bodies (an increase by 11% compared to 2006) and 12 mil. CZK of research funding from abroad (down 55%). The share of non-capital funding for research and development in the total revenues of the university amounted to 20% in 2007.

▼◀ The UCB is planned for 5,000 students.

Graph 15 Total non-capital revenue of MU (in bil. CZK)



Graph 16 Total non-capital funding (in bil. CZK)

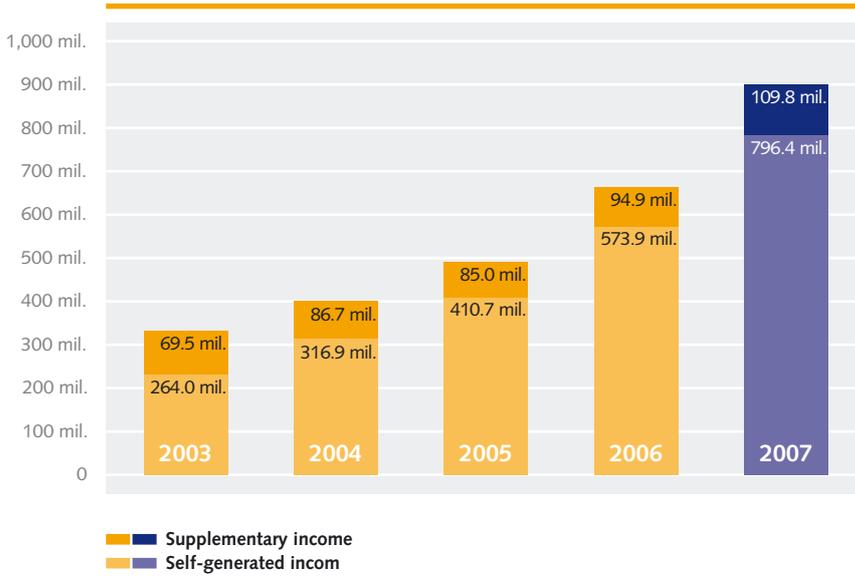


■ Non-capital funding for research and development  
■ Non-capital funding for teaching activities

Out of the total non-capital funding in 2007, 92% came from the Ministry of Education, 5% from other state budget sources, local and regional governments and 2% from abroad.



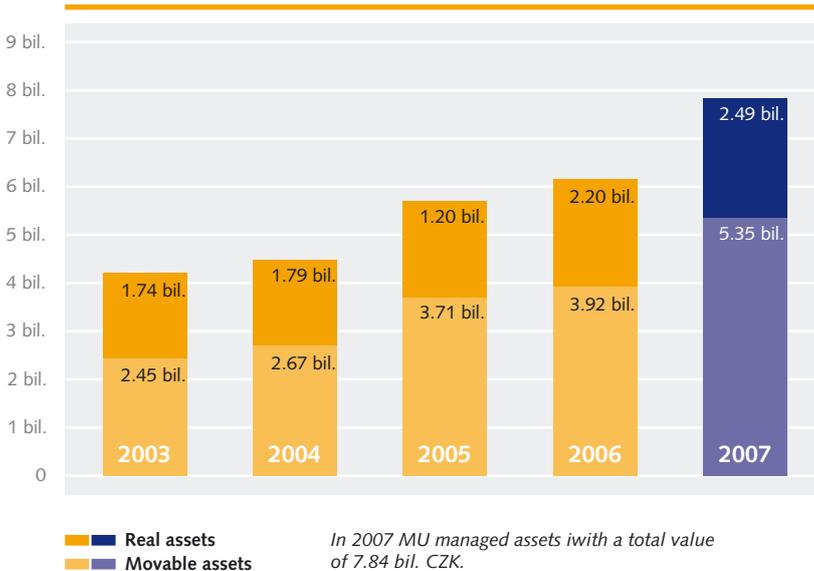
Graph 17 MU supplementary and self-generated income (in mil. CZK)



#### Self-generated income

Revenues of MU from non-public sources amounted to 906 mil. CZK (an increase of 38% compared to 2006); 796 mil. CZK of this is represented by revenues from the university's principal activity (38% up on 2006) and 110 mil. CZK from supplementary income-generating activities (16% up on 2006). The share of self-generated income and income from supplementary activities within the total non-capital revenues amounted to 25%.

Graph 18 Real and movable assets: purchase value (in bil. CZK)



#### Asset management

The inventory taken by MU in 2007 shows total assets with a purchase value of 7,939 mil. CZK (up 28% over 2006), of which 7,841 mil. CZK is represented by long-term tangible assets (up 28%) and 98 mil. CZK by long-term intangible assets (up 3%).

Total depreciation amounted to 2,165 mil. CZK. Total write off, i.e. the ratio of total depreciation to the total value of assets, amounted to 27%.

*In 2007 MU managed assets with a total value of 7.84 bil. CZK.*

## 5.4. FINANCIAL CONTROL

### Establishment, maintenance and effectiveness of internal control system

An internal control system was established at Masaryk University in accordance with the Public Administration Financial Control Act No 320/2001 Coll. and its implementing regulation; it complies with the MU Statutes and Organization Regulations. Its basic elements are management control and an internal audit.

Since 2007 the internal audit within the framework of the internal control system has been fully functional; it complies with Rector's Directive 10/2005 on "MU Internal Audit Statutes" and has introduced a system of controls, evaluations and audits of MU programme financing. The control activities mainly focus on the system of project management. In 2007 the internal auditor examined the use of 172 mil. CZK of funding.

In 2007 the system of preliminary, in-process and subsequent management control was further consolidated in accordance with Rector's Directive 2/2005 on "Financial Control at MU" with the gradual introduction of workflow in electronic form.

Control activities focused on whether the results of activities were proportionate to the costs incurred. The proportion of subsequent financial controls in 2007 amounted to about 74% of the total number of controls performed, which is a trend comparable to 2006. These controls were performed in addition to the standard regular financial controls and represented a review of the use of about 720 mil. CZK financial resources.

In 2007 a **risk management system model** was set up, its aim being to systematize control activity and focus on the elimination of identified risks on all management levels. At the same time methodological instructions relating to weaknesses in contractual documentation and the process of public tendering were prepared.

In 2007 ten external financial controls were carried out focusing on the use of financial resources. In the course of the financial controls and audits carried out, no serious shortcomings were found concerning matters related to Sections 22 and 31 of the Public Administration Financial Control Act No 320/2001 Coll.

### Information about suspicion of possible corruption and proven cases of corruption

Corruption was neither detected nor proven at Masaryk University.

## 5.5. PROJECTS FOR THE DEVELOPMENT OF MU

Development projects at MU going beyond basic research or focusing on areas other than research were mainly supported from two sources of funding – the Development Programmes of the Ministry of Education and the Human Resources Development Operational Programme.

Projects within the framework of the **Development Programmes of the Ministry of Education** were closely linked to the update of the Strategic Plan for 2007. The total volume of allocated funds amounted to 139.502 mil. CZK, of which capital funds amounted to 28.946 mil. CZK and non-capital funds to 109.256 mil. CZK. MU's tradition of success in centralized development project tenders was halted in 2007 owing to the funding provider cancelling the entire tender.

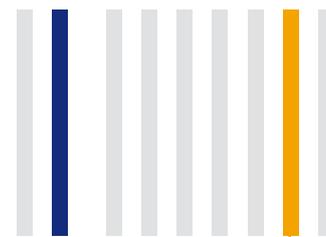
The biggest use of funds from the development projects (44.953 mil. CZK) targeted the development of equipment and modern technologies. The other most subsidized area was the development of degree programmes, where the funding amounted to 21.236 mil. CZK. Funding provided

by the Ministry of Education, further enabled the realization of projects supporting disabled students, applicants from disadvantaged groups and consultancy (16.049 mil. CZK).

In the course of 2007 Masaryk University realized fifteen projects within the framework of the Human Resources Development Operational Programme. The total funds allotted for the period between 2005–2008 amounted to 75.668 mil. CZK. During 2007 the largest number of project activities was realised and the allocated funds were drawn on for a total amount of 33.259 mil. CZK, representing 44% of the funds allocated for the entire programme period.



# Information Infrastructure



Masaryk University devotes systematic attention to the development of facilities that will help make studies at the university more attractive. For this reason, the university has created and runs centralized library and information systems, improved the standards of library services and implemented new information technologies aimed at simplifying many study-related activities, both inside and outside classes.



▲ The Information Centre of the Faculty of Science

►▲ The interior of the campus library in pavilion A9



## 6.1. MU LIBRARIES

Masaryk University's network of libraries consists of nine central libraries for individual faculties, a specialized library at the Support Centre for Students with Special Needs and 109 departmental and specialized libraries at the faculties. The central libraries are responsible for basic library information services at the faculties, and the development of the whole MU library network is coordinated by the **Library and Information Centre** at the Institute of Computer Science (especially in the field of information and communication technologies).

Altogether the libraries house 1.6 mil. items (the annual accession amounts to some 50,000 items); over 57,000 users are registered in the automated library system, which in 2007 processed more than 634,000 loans from the MU collections. Users can search for information on documents in the MU catalogue as well as in the catalogues of the individual faculties regardless of which faculty they study at. The operations and services of the MU libraries are supported by the automated library system Aleph-MU <http://aleph.muni.cz>, which helps users search for information within the whole MU library network.

**Electronic information resources** have become an increasingly important part of the traditional library fonds. The MU libraries provide a wide range of full-text, abstract, bibliographic, citation and factual databases, covering all the study fields available at MU. The library has access to more than 10,000 academic and scientific electronic journals. Information about accessible electronic information sources is to be found on Portal EIZ-MU <http://library.muni.cz/ezdroje>.

The most significant joint activity of the MU libraries in 2007 was a Development Programme project for the **digitalization of MU theses**. Within the project six digitalization worksites were set up at faculty central libraries in order to digitalize 4,685 student works (from 2001–2005), amounting to

approximately half a million pages of text. The digitalized works are accessible to MU users through the IS MU Archive of Theses.

The libraries arranged many activities for their users (including students of the University of the Third Age), in the area of working with information. In cooperation with the Division of Library Science at the Faculty of Arts the libraries developed and ran an e-learning course entitled "Working with Information", organized lectures and training courses for first-year students, and participated in specialized lessons within the Bachelor's and Master's degree programmes in Information and Library Studies at the Faculty of Arts.

### Library at the Bohunice campus

The opening of a completely new **library at the university campus in Bohunice** was one of the major events at MU in 2007. The library serves all university units located at the campus, currently the Faculty of Medicine and the Biology and Chemistry Departments of the Faculty of Science. It offers a total of 560 places in different types of reading rooms and 83 computer stations. The central reading room covers almost 3,000 m<sup>2</sup>. The library is designed to hold approximately 500,000 items (one-third of which are available on open shelves). The library began operations in October and by the end of 2007 some 100,000 items had been moved from the Faculty of Medicine and partly from the Faculty of Science.

## 6.2. MU ARCHIVES

A special responsibility of the MU Archives, the second largest university archives in the Czech Republic, is to acquire and make accessible personal collections of leading academic figures. The archives hold the largest collection of such fonds in Moravia and are among the most significant institutions in the field. In 2007 they acquired the extremely valuable fonds of the esthetician Oleg Sus, which serves as a unique source for understanding Czech/Czechoslovakian culture, history and scholarship, especially in the 1960s. The fonds also includes editorial correspondence of the journals *Host do domu* and *Věda a život*. In 2007, in connection with the

relocation of the archives to new premises in the building of the South Moravian Region, the librarians concentrated mainly on sorting, organizing and ordering all archive materials. The digitalization of the video recordings collection was completed (altogether 153 recordings of some 107 hours). They were catalogued, including short video examples, in the DSpace system.

## 6.3. INFORMATION AND COMMUNICATION TECHNOLOGY

The university information and communication technology (ICT) is maintained and developed by the MU **Institute of Computer Science (ICS)**. The institute is responsible for the operation and expansion of the centralized computer system and the information systems and communication infrastructure of the university, and conducts its own research in selected ICT areas (grids, digital libraries, healthware, programmable hardware). Further constituents of the ICS include the Supercomputer Centre Brno (SCB), MU's Library and Information Centre, the University Computer Centre and the regional centre of the national academic network CESNET2.

The past year saw an extension of the services offered as well as of the capacity and reliability of the university's ICT infrastructure. The most important activities, directly connected to MU's Strategic Plan, are described below.

### Infrastructure of the University Campus in Brno-Bohunice

All the buildings that are part of the Blue Stage of the campus construction were connected to the university's optical computer network and the whole area was covered by a wifi connection; the connection of the campus itself has been significantly strengthened by a 10 GB/s high-speed connection. The computers for students in the UCB library have been connected to the infrastructure of university computer rooms, including well-equipped printing/copying services and their connection to the cash-free system of payment (SUPO). A new satellite telephone central office was set up and with the move of large numbers of employees to the campus their telephone links were transferred. The first "facility management" applications were implemented – monitoring and managing the administration of various technologies in the UCB building, including energy management (remote reading of energy meters). In order to support these applications the

building documentation data of MU buildings was continuously monitored and updated and data for technology documentation of selected buildings were collected.

### Services provided by the ICS to the university

- financial administration and executive information systems
- services of data and voice networks
- support for complex calculations for science, research and development
- library systems and electronic information sources
- computer rooms
- computer safety
- public MU website
- university purchases and distribution of software and selected technical components
- methodological management of IT laboratories at MU faculties



◀ Information on all MU Rectors at [www.muni.cz](http://www.muni.cz)



### Information systems

At the beginning of 2007 a new payroll system was put into service and fully integrated into the Magion financial system, supporting the specific features of the academic environment. In the area of administration management a complete analysis of the ISEP system for project recording and management was completed, including the necessary reconstruction of the Magion Budget System module and preparation for the functional interrelationship of the various modules (the implementation will take place in 2008); a new system of electronic financial control and document flow was implemented; the document service systems were extended, with a users' superstructure created for them within the MU web intranet. In the area of property administration the application supporting inventory control of movables was enhanced with the help of a unified system of bar coding, and a new data and application base was created in order to carry out recording of software licences. In the area of executive management the first part of the system was implemented – managerial overview of statistics data from the HR department. Implementation of the SUPO system (cash-free payments by students and MU employees) continued with the development of pilot applications for printing and copying services in the MU computer rooms.

### University infrastructure

The university's computer network was connected to the backbone network CESNET2 at a speed of 10 GB/s and the connections between the MU network centre at the ICS and the University Campus Bohunice and the University Computer Centre at Komenský Square were upgraded to this speed. The transfer speed between other backbone routers was upgraded to 2 Gbit/s, by using gigabyte interfaces. Wireless network coverage by Eduroam was extended to all MU faculties, the Rectorate and selected student residences. Three new underground transmission routes of the MU optical network (in total more than 100 km in length) were built. In 2007 the supercomputer centre initiated the migration of its IT infrastructure into the area of internet protocol Ipv6, and was awarded a grant from the CESNET Development Fund which will help accelerate the construction of Ipv6 infrastructure in 2008. Further technical reinforcement of the most engaged central IT capacities took place (servers of the IS system for studies, the financial system, the e-mail system, etc.) and the foundations of an authentication and authorization MU infrastructure were laid, using federative access.



▲ The University Computer Centre at Komenský Square



▶▲ Presentation of the MU Information System (IS MU)

### Computer rooms

During the 2007 summer holidays the central infrastructure ensuring the operation of the system of university computer rooms (UCR) was completely rebuilt in order to simplify linking up new localities and their subsequent administration. Besides the University Computer Centre, there are five MU faculties connected via the UCR system, amounting to 500 student computers offering unified programme equipment, access to user data and central administration and identical access and the same working environment for students from any MU faculty or unit.

## 6.4. MASARYK UNIVERSITY INFORMATION SYSTEM (IS MU)

The Masaryk University Information System (IS MU; <http://is.muni.cz>) is operated by a development team that is part of the Computer Systems Unit at the MU Faculty of Informatics. The system provides electronic support in all areas of study administration and teaching and integrates a number of other administrative and communication services of the university.

The main database server went through an upgrade process in 2007. Together with the addition of other application servers which look after individual programmes, the throughput has become almost five times faster. In 2007 the original designs were replaced by new ones corresponding to the advanced use of technologies. There are now five design versions on offer, including designs intended for disabled students, for slow internet connections and for devices with limited PDA-type display.

### Development and administration

In 2007 the system witnessed significant development in the area of study processes, the administration of studies and on-line support of teaching. Great attention was paid to the MU on-line Shopping Centre, a system for searching for similar files and to the design and development of a user-friendly navigation service. The emphasis was placed primarily on the complex innovation of the IS MU technology facilities, IS MU application development and the management/organization of projects.

### E-learning

E-learning is one of the most rapidly developing areas at MU, reflected in significant annual increases in its services and functions. New types of questions and new functionalities developed in an advanced area of testing with the help of ROPOT (**R**evision, **O**pinion **P**oll and **T**esting) **test questions**. For example the evaluation of testing by means of scanning letters represents a significant economy in time for teachers who teach large numbers of students. New forms of these test types or scanned questionnaires were made accessible to the teachers. A new application of e-bookmarks (easy access to favorite websites) and a new design and function for Interactive outlines became available. The **MAPLE syntax check** was integrated into ROPOT and an application for checking accessibility and the correct use of questions was introduced. There is a brand new application in the e-learning system – Identity choice – and in the data conversion field the automatic transfer of tiffs was completed. The entering of mathematical expressions and chemical formulas started to be used in electronic teaching materials. Several changes in the File Management system were made; for example it is now possible to rewrite an existing file when copying between folders.

The official e-learning portal of Masaryk University, called Elportál (<http://is.muni.cz/elportal/>), is part of the development of e-learning activities and it functions as a source of inspiration for teachers.

## Support of study process and administration in 2007

### Theses

In addition to many new properties of the archives (e.g. automatic transfer of theses from the list of students, introduction of the register of second readers in the Archive of Theses), 2007 saw the development mass inclusion of readers' reports and reports written in MS Word. In 2007 the IS MU development team supported an ambitious project for the digitalization of older theses. Theses from selected faculties were scanned, sent to the development team and stored in the IS MU thesis agendas of the individual users.

### Electronic application form

Authentication of the electronic application form was simplified, the study fields were divided into groups according to the type of studies (Bachelor's, doctoral, lifelong, etc.) and the statistics provided from the e-application form and analytical data provided by the Managerial Data application were enhanced.

### Service enabling search for similar files

In mid-2007 an application detecting plagiarism in university theses was introduced, enabling a search to be made throughout a faculty or the whole university based on given criteria.

### Support of doctoral and habilitation procedures

In the area of support for doctoral degree programmes, changes in the archives of theses were introduced and an additional section, "Supervisor", for supervisors and readers of theses, was added. In accordance with MU regulations concerning habilitation and professorial procedures, applications providing information in line with these regulations were added to the IS.

### Support of students with special needs

During the year some adjustments were made for students with special needs in the area of studies and e-learning agendas. Several requests also led to the improvement of the electronic application form for the purpose of recording data.

### Modification of IS MU publishing activities

The IS MU publication database has started adding impact factor-related information automatically to each of its items. Moreover, a function for verification of URL entries inserted with publication records was implemented, together with a syntactic ISBN/ISSN entry control function.

### Project management support

A new project management application enables a group of team members to file data and provide information about individual tasks falling within a particular project on their own.

### IS MU e-mail in a distributed data store

Antispam and antivirus precautions in IS MU e-mail were optimized, as was the masking of e-mail address to prevent misuse by spam; a new e-mail interface and service information within an e-mail message were created.



## Overall statistics for 2007

- number of users: 47,646
- number of visits: 299,048,309
- number of e-applications: 70,704
- maximum number of users per day: 27,386
- maximum number of open pages in the system in one day: 2,172,645
- maximum server performance: approximately 552,744 requests filled in an hour
- total number of individual programmes in the system: approximately 1,600
- data storage: some 944 database tables in around 110 categories
- number of publication entries: 533,092 (of which 76,189 for the Ministry of Education's list of information on research results)
- total server down time: about 43 hours including the planned transition to a new system
- help section: 75 sections (1,425 questions)



▲ The homepage of the MU e-learning portal

### MU Shopping Centre

A new extensive complex of applications, the on-line MU Shopping Centre, was developed: it functions as an online sales centre for various educational services, originally as part of activities and projects in the lifelong learning programme. The aim of the service is to enable on-line purchases of multiple types of services; this will enable MU students and applicants to benefit from the use of credit cards and at the same time reduce paperwork for MU employees.

### Awards

In 2007 the electronic archive of MU theses was awarded the prestigious Inforum prize in recognition of its importance in the area of electronic resources.

More information about the system is available in a detailed annual report at [http://is.muni.cz/clanky/2007\\_vyrocka\\_pl](http://is.muni.cz/clanky/2007_vyrocka_pl) or [http://is.muni.cz/nas\\_system](http://is.muni.cz/nas_system).

## 6.5. PROVISION OF INFORMATION PURSUANT TO ACT NO. 106/1999, the Freedom of Information Act (hereinafter referred to as "the Act")

As Masaryk University is a public higher education institution, the provision of information is one of its major (and in some areas most frequent) activities.

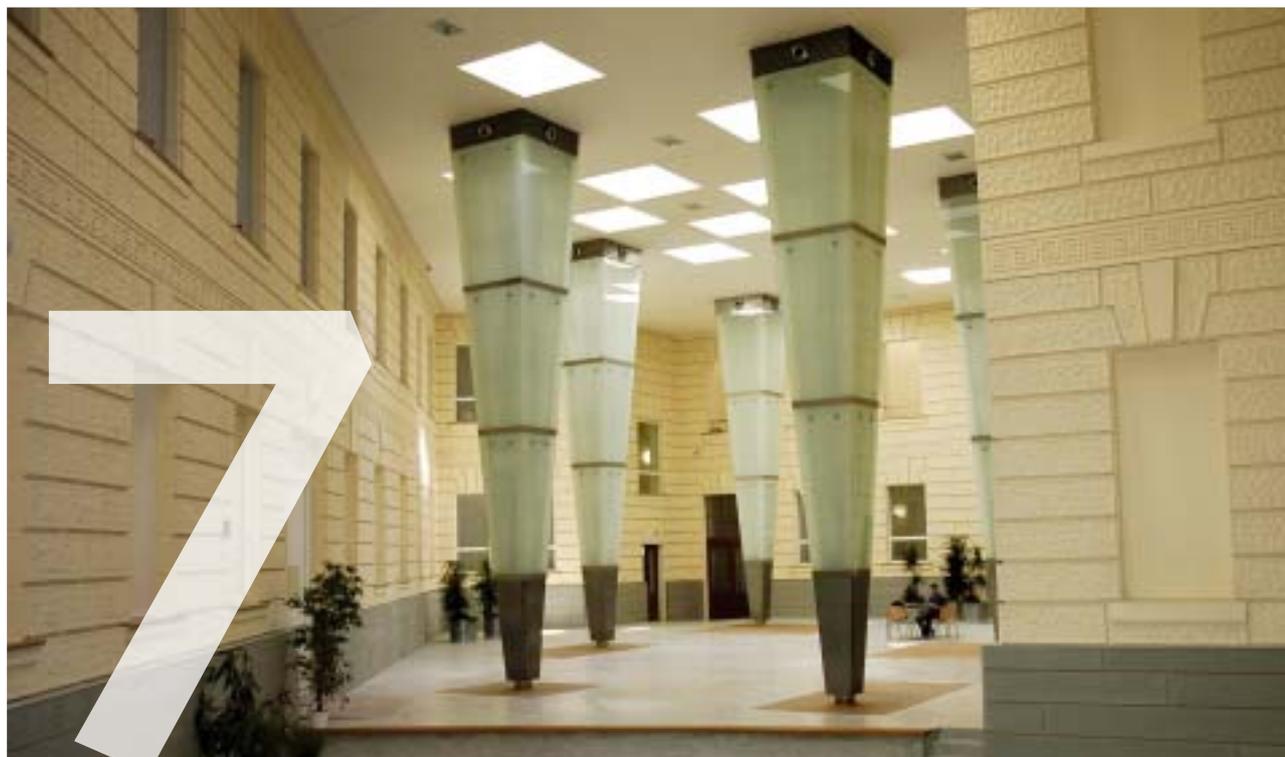
The vast majority of the information provided was queried in person by MU employees and fell into the sphere of their official position within the university; therefore, in accordance with Section 13 of the Act, no record is made of these requests.

The submission of written requests for information is subject to regulations drawn up in accordance with paragraph 5 (1) b) of the Act, which can be found at [http://www.muni.cz/general/information\\_providing/-mu\\_regulations](http://www.muni.cz/general/information_providing/-mu_regulations). In the course of 2007 a total of 384 written requests for provision of information was filed. In 17 cases the information requested did not fall within the competency of MU and this fact was communicated to the individuals who had made the requests. In 295 cases the queries related to information published by MU elsewhere and the individuals who had made the requests were provided with the

Internet addresses where the information in question could be found. In 72 cases the information that had been requested was provided to the individuals who had submitted requests within the legal deadline.

In the course of 2007 no appeal against a decision about denying a request was filed, nor did the courts deal with any cases concerning failure on the part of MU to provide information in compliance with the Act. In the period in question neither MU nor any of its employees were subject to any sanctions for violation of the Act.

# The Faculties in 2007



Life at Masaryk University revolves around its nine faculties, which cover a wide spectrum of disciplines from the humanities to the sciences and offer a complex selection of traditional, modern and completely new academic fields. In addition to their teaching activities, in 2007 the faculties also met with great success in the fields of science, research and innovation and played an important role in relations with the society at the regional, national and international levels.



## 7.1. FACULTY OF LAW

### Studies, development of degree programmes

As of 31 October 2007, the faculty had 3,691 students, of whom 957 were enrolled in Bachelor's degree programmes, 2,584 in Master's degree programmes and 150 in doctoral degree programmes. In 2007 the faculty noted a slight decline in interest in studies. In addition to its traditional degree programmes the Faculty of Law is also very active in the area of lifelong learning. The faculty has also opened a new internationally recognized LLM, the first Czech university to do so. This is a joint programme with Nottingham Trent University in Great Britain. In 2007 there were 78 students enrolled in the LLM programme and the programme also had its first graduates.

The faculty's doctoral degree programme in Theoretical Legal Sciences (there are 14 fields of study within the programme) is accredited in English, German, French and Polish. European Economic, Legal and Cultural Studies, an interfaculty discipline carried out in cooperation with the Faculty of Economics and Administration, had 167 students in 2007.

### Science and research

In 2007 the Faculty of Law continued to implement its long-term research plan The European Context of the Development of Czech Law after 2004, which is based on cooperation between the individual research teams involved in the project. Two ongoing grant projects continued successfully in 2007, Legal Means and Ways of Dealing with Residual Environmental Damage and The Legal Regulation of Local Self-Government in the Czech Republic.

A typical form of international cooperation in science and research is the organization of international conferences and seminars on current topics in both legal theory and legal practice. In 2007 the Faculty of Law organized or helped to organize almost twenty scholarly events. These included a series of conferences and seminars dedicated to problems in law and information technologies, organized in cooperation with Wirtschafstuniversität Wien, and the third international workshop on "The New Code of Administrative Procedures and Local Government", organized in cooperation with the Czech Ombudsman. There was also the traditional multidisciplinary international conference in the humanities concerned with the question of information networks. As part of Dies Academicus another conference was organized – the first international conference on "Legal and Financial Aspects of International Economic Integration", offering space for the presentation of the results of the work of doctoral students and young scholars. In November 2007 a conference on "Days of Public Law" was organized under the auspices of the Chief Justice of the Constitutional Court of the Czech Republic, the Supreme Public Prosecutor, the Governor of the South Moravian

Region and the Dean of the Faculty of Law at MU in cooperation with the Faculty of Law of Trnava University in Slovakia; it was attended by academic experts and representatives of legal practice from ten European countries. New opportunities for international cooperation in the field of research also brought new agreements with partners from abroad – the Faculty of Law at the University of Mykolas Romeris (Vilnius, Lithuania), the University of Central Lancashire (Great Britain), Bond University (Australia), the John Marshall Law School (Chicago, USA) and the International Collaborative for Public Health Emergency Preparedness. The Faculty of Law joined the consortium LexConverge, which submitted a proposal to the European Commission for a project entitled A Single Market for the Information Society: Legal Analysis.

### Faculty development, cooperation with the region

The Faculty of Law cooperates with the region in the realization of student work placements, in competitions of student scholarly work and in the organization of scholarly conferences and seminars (in 2007, for example, a seminar on "The New Code of Administrative Procedures in the Work of Regional Government Offices" took place which was co-organized by the Vysočina Region). Also a new student competition was announced, IUS et SOCIETAS: the students were asked to write an essay with suggestions, views and questions concerning the role of law and justice in the society.

In 2007 the already established international activities of the faculty's academic staff continued to develop, especially with regard to participation in conferences and seminars and teaching abroad. The faculty was also visited by many distinguished foreign international professors and experts in the field who taught intensive courses while in Brno. Five courses were taught in English, one in German and one in French. Among the many lectures offered, a series of lectures by experts from the World Trade Organization should be noted. In autumn 2007 the long-established course of lectures entitled "Day of U.S. Law" took place once again, organized in cooperation with the John Marshall Law School. An agreement on mutual cooperation was signed with the Centre for International Legal Studies (Salzburg, Austria); this will support teaching visits by foreign teachers as part of the Senior Lawyers programme in 2008.

## 7.2. FACULTY OF MEDICINE

### Studies, development of degree programmes

There was again a slight increase in those interested in studies at the Faculty of Medicine. The total number of applicants was 5,747, 419 more than in the previous year. The most popular disciplines were, as usual, General Medicine and Dentistry; of the Bachelor's degree programmes, Physiotherapy was most favoured. As of 31 October 2007, the faculty had 4,201 students in degree programmes, of whom 751 were enrolled in Bachelor's degree programmes, 2,440 in long-cycle Master's degree programmes, 221 in Master's degree programmes and 789 in doctoral degree programmes. These numbers correspond more or less with those for the previous year: the faculty has reached its limits as far as the capacity to admit more students is concerned.

The Faculty of Medicine has a long tradition of organizing degree programmes in the English language. Degree programmes in General Medicine and Dentistry are accredited in English. General Medicine has become so popular among students from abroad in the past two years that the demand exceeds the faculty's capacity. In 2006 a total of 97 applicants were admitted; in 2007 this was 102. In 2007 there were also 15 foreign applicants admitted to the Dentistry programme. In cooperation with the Faculty of Electrical Engineering and Communication at the Brno University of Technology a new inter-university degree programme entitled Biomedical Technology and Bioinformatics has been developed. The programme has been designed with a view to providing students with the complex preparation necessary for the position of biomedical technician in clinical practice and in the field of technology development of companies dealing with biomedical technology and the application of information technology in biomedicine. Biomedical subjects (Biochemistry, Physiology, Anatomy, Histology and others) are taught at the Faculty of Medicine and technical and scientific subjects (Mathematics, Physics, Algorithmization and Programming, Digital Signal and Image Processing) are taught at the Brno University of Technology. Altogether 90 applicants were admitted to the programme.

### Science and research

The concentration of research potential at the Faculty of Medicine is reflected in the increasing number of long-term research plans and research centres involving the faculty's theoretical institutes and departments. Currently the cooperation between research teams from the faculty's departments and clinics focuses on six long-term research plans and the work of eight research centres. In addition a number of departments and clinics participate in individual projects within the Faculty of Medicine or the Czech Republic in the area of problem-oriented research.

The faculty supported the birth of the Integrated Laboratories for Biomedical Technologies (ILBIT) for its top research programmes, which are able to find their own financing. At present the smooth-running research programmes in ILBIT A3 focus on the study of embryonic stem cells; research dealing with the application of cell therapy and immunotherapy in the treatment of oncological diseases takes place in immaculate, officially accredited premises. The Stomatology Research Centre deals among other things with the study of materials used in implantation.

In 2007 there were eight research teams participating in projects financed by the EU. The Department of Biology became the European coordinator of the European Human Embryonic Stem Cell Registry project. The Monoclonal Gammopathy and Multiple Myeloma Basic Research Centre became the coordinator for this research in Central Europe. Some departments and clinics of the Faculty of Medicine (the Department of Biology, the Department of Pediatric Oncology and others) cooperate with institutes of the Academy of Sciences of the Czech Republic on the basis of independent projects. The Faculty is a participant in the CEITEC project as a member of a consortium made up of Masaryk University, the Brno University of Technology and the Academy of Sciences of the Czech Republic.

### Faculty development, cooperation with the region

In 2007 the Faculty once again organized, within the framework of cooperation with secondary schools, an Open Day which was attended by a great number of secondary school students from the South Moravian Region. In order to strengthen the internationalization of the faculty, efforts were made to increase the number of foreign professors teaching at MU and of MU professors teaching abroad. As part of the project, seventeen visiting professors taught at the Faculty of Medicine and four Czech teachers taught abroad. At the same time, new information materials intended to promote the faculty abroad and among students wishing to study in English were prepared and published. Work began on a project for the creation of visual promotional material for the faculty in the form of a video in English and Czech, and a considerable amount was accomplished. The Faculty of Medicine was rated the best such faculty in the Czech Republic by the national newspaper *Hospodářské noviny*.





### 7.3. FACULTY OF SCIENCE

#### Studies, development of degree programmes

The development of demand for studies did not change dramatically. In 2007 the Faculty of Science had approximately 3,500 students. In comparison with the previous year, 80 more students were admitted to the Bachelor's and Master's degree programmes. The most popular fields of study were Biology, Geography and Biochemistry. In 2007 a total of twelve Bachelor's and Master's degree programmes were submitted for accreditation: at the Bachelor's level these were Physics and Management, Chemoinformatics and Bioinformatics, Administrative Geology, Geoscience Environmental Studies, Financial and Actuarial Mathematics (reaccreditation), Chemistry of Conservation – Restoration (reaccreditation); the Master's programme were Financial and Actuarial Mathematics, Computer Modeling and Simulations, Chemistry for Sustainable Development, Structural Chemistry, Geoscience Environmental Studies and Applied Geography.

All seven doctoral degree programmes and four Master's degree programmes are accredited in English (altogether fourteen fields of study). These are Biochemistry (fields of study: Analytical Chemistry, Biochemistry, Biomolecular Chemistry), Chemistry (fields of study: Analytical Chemistry, Inorganic Chemistry, Physical Chemistry, Environmental Chemistry, Material Chemistry, Organic Chemistry), Geology (field of study: Geology) and Physics (fields of study: Biophysics, Condensed Matter Physics, Plasma Physics, Theoretical Physics and Astrophysics). The development of demand for these programmes has not changed and so far interest remains low.

#### Science and research

This past year was a transitional year marked by the development of a new faculty organizational structure based on the creation of thirteen departments. All the departments participated in eleven long-term research plans (in eight of them as principal investigator and in three as co-principal investigator) and ten research centres (in five as the principal investigator and in five as co-principal investigator). Altogether there are 83 research teams at the faculty.

In 2007 a new, Clean Room for Si Technology laboratory was opened at the Kotlářská site. This laboratory for silicon technology and microelectronics is the first of its kind in the Czech Republic. The opening of laboratories where students will learn how to produce precision functioning microelectronic silicon components is the result of long-term cooperation between the Department of Condensed Physics and the private firm ON Semiconductor. In the course of 2007 new chemistry and biochemistry laboratories were opened at the new university campus in Bohunice.

The faculty is very active in international activities and continues to develop various forms of cooperation in science and research. Within the INNOLEC programme twenty-six visiting professors gave lectures to students. In 2007 the faculty also started supporting six promising young researchers who came back from studies at international universities and who will be given a motivation bonus in the next two years. There are now more than ten such researchers at the faculty, and most of them have brought back, in addition to important international projects (e.g. EMBO) and contacts, invaluable know-how.

Regarding cooperation with industrial enterprises, government ministries and their institutions, the faculty was involved with more than 170 agreements in 2007, the total value of which amounted to around 10 mil. CZK.

#### Faculty development, cooperation with the region

The faculty departments significantly participated in the preparations for the Central European Institute of Technology (CEITEC) project in the life and material science area.

The faculty was also engaged in a centralized development project, Talence, designed to attract more secondary-school students to the study of the sciences, mathematics and informatics (2006–2008).

Regarding faculty development, the reconstruction of the faculty's premises on Kotlářská street continued successfully; reconstruction of the remaining two buildings is planned for 2008. In 2007 the Blue Stage of the university campus in Bohunice was also completed and some of the faculty's departments were moved there.

The Faculty coorganized Researchers' Night 2007 (part of the Marie Curie Seventh Framework Programme), in which MU took part for the first time. Some 4,000 visitors attended the event, the most popular being the programme organized by the Faculty of Science (1,700 visitors); 1,500 attended the lectures of scientists at the Brno observatory.

In addition, faculty staff organized fifteen scientific conferences, seminars and summer schools for local and foreign visitors and students.

▼ Dean's Office at the Science Faculty on Kotlářská street



## 7.4. FACULTY OF ARTS

### Studies, development of degree programmes

As of 31 October 2007, the faculty had 8,994 students, an increase of almost 10% in comparison with the previous year. Compared to 2006 there was an increase in those interested in all types of degree programmes – 9,738 applicants for Bachelor's programmes (43% were admitted), 2,024 applicants for Master's programmes (71.5% were admitted), 1,433 applicants for long-cycle Master's programmes (9% were admitted) and 233 applicants for doctoral programmes (67% were admitted).

The faculty accredited thirteen new study fields, in addition to the 50 existing fields: Chinese Studies, Roma Studies, Scandinavian Studies, Mediterranean Studies, European Expert Studies, Comparative Literature, Slavonic Studies, Regional Slavonic Studies, Translation Studies, Central European Studies, Regional Studies, Conservation Methods of Museum Collections and Near East Studies.

The following study fields were accredited within the doctoral programme: in English, Indo-European Comparative Linguistics, Scientific Study of Religions and Musicology; in German, Klassische Philologie, Mittellateinische Philologie und Musikwissenschaft. The number of interested students is rather small at the moment.

In cooperation with the Faculty of Economics and Administration and the Faculty of Law, the faculty organizes European Administrative, Economic, Legal and Cultural Studies. It is also possible to combine selected subjects from the Faculties of Science, Social Studies and Sports Studies as part of double-major interfaculty studies.

### Science and research

Interdisciplinary research proceeds within three long-term research plans: the Interdisciplinary Centre for Research on Social Structures from Prehistory to the High Middle Ages (headed by Prof. PhDr. Z. Měřinský, CSc.), the Research Centre for Central European History: Sources, Lands, Culture (headed by Prof. PhDr. J. Malíř, CSc.) and the Centre for Interdisciplinary Research on Ancient Languages and Older Phases of Modern Languages (headed by Assoc. Prof. PhDr. D. Bartoňková, CSc.).

Unique facilities of the faculty include the archaeological localities in Pohansko near Břeclav, Těšetice-Kyjovice and Rokštejn, and also Tell Arbid in Syria, offering research into the Halaf culture (6000–5400 BC), on the upper reaches of the Khabur River. Together with a Polish-Syrian archaeological mission, the Czech research team studies prehistoric settlements in the Abyad wabi.

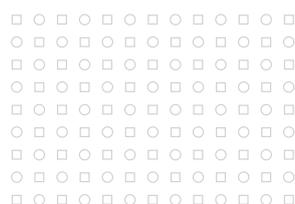
The following bodies are housed at the Faculty of Arts: the Academic Centre for Counselling and Supervision (financed by the European Social Fund and the Czech government), the Academic Centre for Personal Development (financed by

the European Social Fund) and the Academy of Old Music. On 1 January 2007 a consortium of fourteen Central and Eastern European academic departments concerned with religion began to carry out activities within a project entitled REVACERN (Religions and Values: Central and Eastern European Research Network). The only Czech institute taking part in this project is Masaryk University, specifically the Department for the Study of Religions. The main goal of the consortium is to create a smoothly-functioning network for selected Central and Eastern European university departments concerned with the study of religion.

Practically all research teams at the Faculty of Arts cooperate with institutes of the Academy of Sciences of the Czech Republic (the Institute of History, Institute of Contemporary History, Institute of Philosophy, Masaryk Institute, etc.)

### Faculty development, cooperation with the region

The Department of Slavonic Studies participates in student and teacher exchanges within the twinning agreement between the Nizhny Novgorod Region and the South Moravian Region. The Department of Educational Sciences and the Pedagogical Centre of the Vysočina Region carried out a project entitled Teachers for Teachers; other partners included the Diagnostic Institute for Youth, Lipka (an educational institute for environmental studies), Lužánky (a leisure-time centre), Education (an NGO), DROM (a Roma centre), SOZE (Association of Citizens Dealing with Immigrants), Ratolest Brno, the Agency For Supported Employment, a diagnostic institute, a pedagogical and psychological guidance clinic and a hospital for terminal illnesses. From 12–16 November 2007 the Faculty of Arts organized a Week of Scholarship, which was full of lectures and presentations from psychology, pedagogy, linguistics, film theory, the history of art, philosophy, history and religious studies. In 2007 the 40th jubilee Summer School of Slavonic (Czech) Studies was organized.





## 7.5. FACULTY OF EDUCATION

### Studies, development of degree programmes

As of 31 October 2007, the faculty had 6,343 students, of whom 3,737 were enrolled in Bachelor's degree programmes, 1,257 in long-cycle Master's degree programmes and 1,096 in Master's degree programmes. There was a slight decline in those enrolled in Physics and Chemistry and an increase in the English Language, Special Education and Social Education. The number of students in doctoral degree programmes has not changed (176 in 2007), a decision made with a view to the improvement of quality and the limitations in terms of capacity of doctoral advisors. Two doctoral degree programmes are carried out in foreign languages: Special Education (in English and German) and Special Education/Art (in German). International study is possible in doctoral degree programmes within the framework of cooperation with foreign universities in double degrees.

Concerning interfaculty degree programmes, the Faculty of Education cooperates with the Faculties of Science, Arts and Sports Studies. These involve the Bachelor's degree in Specialization in Pedagogy and the Master's degree in Lower-Secondary School Teaching and Upper-Secondary School Teaching.

### Science and research

Academics from almost all departments are involved in two long-term research plans. The first, School and Health for the 21st Century, was in its third year in 2007, while Special Needs of Pupils in the Context of the Framework Education Programme for Primary Education was in its first year. The activities of the Centre for Basic Research on School Education continued in cooperation with Charles University in Prague. Cooperation on two projects within the National Research Programme II came to a successful conclusion. Teams worked on eight projects funded by the Czech Science Foundation.

On the roof of one of the buildings of the Faculty of Education there is a solar photovoltaic power plant measuring parameters in real time and offering their visualization, which is intended mainly for teaching purposes. Another important benefit of this power plant is the way it can enlighten future teachers, their pupils and the general public on the subject of renewable resources. The faculty operates an integrated academic workplace in Jedovnice where teaching is carried out as an important part of studies in scientific fields as well as of teaching practice. Practical teaching in programmes for lower and upper-secondary schools from the whole country is carried out here. In the course of 2007 four new projects funded by the European Commission were approved – two in the Comenius programme, one in the Grundtvig programme and one in the Leonardo da Vinci programme. One project in the Leonardo da Vinci programme, one in the Jean Monnet

programme and two in the Grundtvig programme continued from previous years. Two proposals for the Seventh Framework Programme were submitted, from the Department of Physics and the Department of Geography.

### Faculty development, cooperation with the region

Academic staff participate in various events in cooperation with foreign partners. These include international conferences, joint projects and individual cooperation. Altogether 319 academics and other staff travelled abroad to thirty different countries. Doctoral students also travel abroad on study visits, where they are supported by faculty research projects. International students arrive mainly from Slovakia, Austria, Germany and Poland.

Visitors from abroad came mainly in order to take part in conferences, to participate in joint projects and lectures, or to carry out short-term study visits. Most of the visitors were from Slovenia, Austria and Slovakia.

In 2007 two new bilateral agreements were signed, with the Faculty of Science at Constantine the Philosopher University in Nitra (Slovakia) and with the Natural Science-Mathematics Faculty, University of Sarajevo (Bosnia).

Each year the faculty organizes a number of important international conferences. In 2007 two conferences took place within the long-term research plans School and Health for the 21st Century and Special Needs of Pupils in the Context of the Framework Education Programme for Primary Education. In addition the faculty hosted several events focusing on new trends in education and on approaches to specific groups of students. A number of concerts of the Faculty of Education Choir were organized, as well as a festival of drama education.

A project entitled Creation of a Support Network for Innovative Forms of the Lifelong Education of Teachers and Other Education Professionals and their Share through e-learning in LMS Moodle was awarded a European Language Label in 2007.

## 7.6. FACULTY OF ECONOMICS AND ADMINISTRATION

### Studies, development of degree programmes

As of 31 October 2007, the faculty had 4,238 students, 2,501 of whom were students enrolled in Bachelor's degree programmes, 969 in long-cycle Master's degree programmes, 577 in Master's degree programmes and 173 in doctoral degree programmes. The demand for studies at the faculty has been increasing; in 2007 it received 10% more applications.

The field of study of Administration Publique (Public Administration) within the Master's degree programme Economic Policy and Administration is accredited in the French language; it is supervised by Masaryk University and the Université de Rennes 1 (France). The classes are taught by Czech and French professors: half of the course is in Czech and half is in French. The goal is to prepare highly qualified specialists in public administration. In the academic year 2007/2008, 57 students were enrolled in this programme.

Concerning interfaculty studies, the Faculty of Economics and Administration cooperates with the Faculties of Science, Arts, Law, Informatics and Sports Studies.

### Science and research

In 2007 the faculty successfully completed a project called Monetary Policy and Monetary Stabilization: Identification and Application of General Equilibrium Models (in cooperation with the Faculty of Electrical Engineering, Czech Technical University in Prague, and CERGE, Charles University, Prague). The results of the project were used by the Czech National Bank, presented at international conferences and published in well-known Czech and international journals.

The faculty houses the Research Centre for the Competitiveness of the Czech Economy, an analytical unit focusing on the application of socio-scientific findings in the area of competitiveness when evaluating its preconditions and results in the Czech Republic and its economic and political implications in relationship to the aims set out in the Lisbon Strategy. In 2007 the centre published two monographs, *The Factors of Competitiveness* and *The Competitiveness of Companies*, and another thirty working papers.

The Centre for Non-profit Sector Research was founded as a joint research project of the Association for the Study of the Non-profit Sector and the Faculty of Economics and Administration in order to carry out a long-term and systematic examination of the economics of non-profit organizations in the Czech Republic and to initiate public and academic discussion on the sociological and economic importance of a civic society. In 2007 the centre published

a monograph entitled *Non-profit Organizations in the Public Service*. The centre also began cooperating with the Wirtschaftsuniversität Wien on a project entitled The Third Sector between Voice and Services: Comparing Old and New Democracies (NODE – New Orientations for Democracy in Europe). As part of a project on The Effect of the Institution of Local Referendum on the Quality of Political-Economic Processes in the Czech Republic (funded by the Czech Science Foundation), cooperation with leading experts on direct democracy in Switzerland (universities in Basel and Zurich) was established.



### Other activities and events in 2007

- Graduating Students' Rag Day 2007 (21/5)
- "Public and Private Solutions for the Impact of Natural Disasters in the Czech Republic" (seminar, 6/6–7/6)
- "European Financial Systems 2007" (conference, 20/6–21/6)
- "Commodity Trade PBB – Options" (conference, 16/10)
- "Providing Public Services" (conference, 25/10–26/10)
- "MU Job Challenge 2007" (job trade fair for graduating students, 7/11)
- "Cooperation Between Universities and the Customer Sector" (conference, 14/11)

### Faculty development, cooperation with the region

The faculty cooperates intensively with the South Moravian Region in the realization of the Strategy for the Development of Human Resources, South Moravian Region 2006–2016. This important strategic document in the human resources field was put together by a consortium of organizations under the direction of the Faculty of Economics and Administration in 2005–2007. This was the first example of this type of document on the regional level in the Czech Republic. Cooperation with the South Moravian Region is also carried out in the area of theses in which students deal with analyses of the absorption capacity of the various districts within South Moravia for the new programming period 2007–2013. As part of the cooperation with the city of Brno, students participate in the preparation of the city's Integrated Development Plan. In addition, the Faculty of Economics and Administration currently cooperates in the area of work placements with more than sixty employers from the South Moravian Region.



## 7.7. FACULTY OF INFORMATICS

### Studies, development of degree programmes

In 2007/2008 the faculty opened twenty new fields of study in Bachelor's and Master's degree programmes. The number of those interested in studies slightly increased and applicants were better informed about the various options. The number of students enrolled in Bachelor's programmes increased from 750 in 2006 to almost 900 in 2007. As of 31 October 2007 the faculty had 2,274 students. In order to attract more students, the faculty began to explore a number of new interdisciplinary fields of study.

▼ Faculty of Informatics buildings on Botanická street



In 2007 a newly accredited field of study, Embedded Systems, was opened; it is taught in English as a Master's degree programme. It focuses on issues relating to the development of embedded electronic systems and in its first year it attracted not only Czech students but also two students from abroad. Concurrently, as a response to increased demand, preparations began for accreditation of the field of study Services Sciences, Management and Engineering. This programme, which focuses on preparing experts in the field of information and communication technology services, will also be taught in English. IBM is involved in the preparations, and the programme is being prepared as the first of its kind in the Czech Republic. The degree programme will be carried out as a joint programme with universities in Porto and Postupim. Interfaculty cooperation with the Faculty of Science led to the opening of degree programmes in Biology and Informatics at the Bachelor's and Master's levels. In cooperation with the Faculty of Economics and Administration revisions were made to Economic Information Systems, offered at the Bachelor's level. Further cooperation with the Faculty of Science and the Faculty of Social Studies is planned.

### Science and research

The faculty carries out a long-term research plan entitled Highly Parallel and Distributed Computer Systems, in which many research teams at the faculty take part. During 2007 further cooperation of faculty research teams with the industrial sector was strengthened.

The Human Computer Interaction laboratory deals with research into virtual and augmented reality. Unique power feedback devices are used to study multimodal forms of interaction of particular use in the analysis of protein structures. In the Parallel and Distributed Systems Laboratory work was completed on DiVinE, a unique distributed-memory enumerative model-checking tool for verification of concurrent systems; it was employed in the analysis of regulatory mechanisms of biological systems. The laboratory of optical microscopy deals with the automatization of the process of scanning and analysing images made with the help of optical microscopes, especially for the purpose of evaluating images of tissue, cells, karyosomes, chromosomes and genes. The instruments developed in the laboratory for these purposes have no counterpart anywhere.

In 2007 international cooperation focused especially on projects of the Sixth and Seventh European Framework Programmes. The faculty operates four research centres where it cooperates on research with various institutes of the Czech Academy of Science – the Institute of Computer Science, the Institute of Mathematics, the Institute of Biophysics and the Institute of the Czech Language.

### Faculty development, cooperation with the region

The Association of Industrial Partners of the FI was founded at the faculty in order to coordinate cooperation between the faculty and industry. The primary aim of the partnership is the initiation of joint projects in science and research within which it will be possible to specify the themes of doctoral theses and find financial support for them from external sources. The faculty is also interested in expanding cooperation on specific industrial projects as part of Bachelor's and Master's theses. The faculty currently cooperates with nine commercial partners, two of these partnerships (ANF DATA and Red Hat) being on a strategic level.

In 2007 the faculty cooperated actively within the international nongovernmental research association ERCIM (European Research Consortium for Informatics and Mathematics). This made it possible not only to integrate better and to adapt to standard conditions for cooperation among research institutions within the EU and to apply for EU projects as members of international teams, but also, for example, to join the working groups of the association and participate in ERCIM exchange programmes – the Fellowship Programme and the Mobility Programme.

## 7.8. FACULTY OF SOCIAL STUDIES

### Studies, development of degree programmes

In 2007 the Faculty of Social Studies opened two new fields of study at the Master's level. The process of structuring the studies is in its final phase in order to correspond with the European trends in social sciences. One of the key aims of the faculty is to maintain its established reputation as a highly selective academic institution which offers an education in the social sciences at a European level. The key strategic instrument is the decision-making process relating to the number of newly admitted students, which influences the total number of students at the faculty. A high rate of increase has been characteristic for the faculty since its very foundation. This trend was confirmed in 2007: as of 31 October 2007, the faculty had 3,833 students in both on-site and combined study modes. However, the increase in the total number of students at the faculty did not copy the dynamism of the previous three years, reaching "only" 9%.

The Faculty of Social Studies has two accredited programmes in English on the Master's level – European Politics and Sociology. The most significant event of 2007 was the creation of a joint European PhD in Social Representation and Communication, with the Università degli Studi di Roma "La Sapienza", Alexandru Ioan Cuza University in Iași and the Université de Provence as main partners of the consortium.

The faculty has long cooperated with the Faculty of Arts and in the past few years with the Faculty of Sports Studies as well. Several dozen study combinations are carried out within the Humanities programme at the Faculty of Arts. The Faculty of Sports Studies is interested in combinations with the fields of Sociology and Media Studies and Journalism.

### Science and research

In 2007 the scientific and research activities of the faculty were primarily focused on topics of current interest to the social sciences in Europe and the world in general. These include the social, cultural and institutional conditions of active citizenship, political systems, European integration and the issue of social reproduction. The question of the transformation of society is linked with the study of the role of the social state, with the focus on unemployment policy, social policy and municipal policy in the areas of social services and social work services. Other important areas of study include children, youth and the family and an environment friendly way of life in the context of the individualization of society.

The faculty cooperates with foreign institutions through programmes of the European Union and joint grant projects, in particular EU Commission projects within the Jean Monnet programme, Leonardo da Vinci, and the Fifth and Sixth Framework Programmes. The result of cooperation

between the Institute for Comparative Political Research and the International Institute for Democracy and Electoral Assistance was the publication of a book dealing with the current state of party politics in Central and Eastern Europe. The Institute for Comparative Political Research has also become a member of the international University Association for Contemporary European Studies. The faculty coordinates an international interdisciplinary doctoral school (in the form of workshops) in social science, the European Graduate School for Social Studies.

### Faculty development, cooperation with the region

International cooperation again moved forward in 2007. A new faculty website was launched, and its English version plays an important role in spreading information about the faculty for the international academic public. In cooperation with the Faculty of Informatics new webpage promotion pages in Chinese were set up in order to attract interest in Master's and doctoral degree programmes in English. The faculty co-organized the 5th international conference Cyberspace 2007.

In May 2007 the Institute for Research on Social Reproduction and Integration together with the Institute of Sociology of the Academy of Sciences of the Czech Republic co-organized a conference of the Research Committee for Social Stratification and Mobility (RC28). In June the institute co-organized an international conference in Telč on "Processes of Redefinition and Reconstruction of the Term Nation in Central Europe".

The Institute for Research on Children, Youth and the Family together with the Department of Psychology organized a prestigious conference in September on "Transfer of Knowledge", which was attended by more than seventy doctoral students and twenty academics, most of them from European member organizations of the European Social Cognition Network.

The Department of Sociology organized a symposium entitled "What Counts in Educational Research? Quantitative and Qualitative Explanations of Educational Inequalities", the 8th post-graduate conference on "Life in Motion; Shifting Spaces, Transcending Times, Crossing Borders" and in October the 7th conference on "Identities in Conflict, Conflict in Identities".

The International Institute of Political Science organized a workshop entitled "Undemocratic Actors in Europe", which was attended by leading experts from Germany, France and Serbia. The conference was dedicated to identification of undemocratic actors in Europe and their speeches.

The Department of Media Studies organized a conference on "Regional Media in the European Context".





## 7.9. FACULTY OF SPORTS STUDIES

### Studies, development of degree programmes

At the end of 2007 the total number of students at the Faculty of Sports Studies reached 1,179. The interest in studies is traditionally high, with a slight increase in 2007, which meant that the faculty received the most applications for study since its creation. The ratio of applications to students admitted to studies reached 4.5:1.

During the existence of this faculty, the youngest at MU, the most popular field of studies has been the single-subject Physical Education and Sport. Traditional and new specializations make it especially attractive, among them Sports Management, which was opened for the first time, in cooperation with the Faculty of Economics and Administration, in the academic year 2007/2008. There is also great demand for the Master's degree programme in Applied Sports Education for Security Forces. Accreditation for the doctoral degree programme in Kinanthropology in the English language was extended until 2010.

Concerning interfaculty degree programmes, the Faculty of Sports Studies has been cooperating mainly with the Faculties of Informatics, Education, Social Studies and Arts. It is possible to combine fields of study in both Bachelor's and Master's degree programmes.

### Science and research

As regards science and research, the faculty is a partner of the Faculty of Physical Culture at Palacký University, Olomouc in the ESF project Training of Teaching Staff for Leisure-time Activities of Persons with Special Needs, which is a restructuring of the field of Recreation Studies. The aim of this project is to create a study module whose graduates would be able to organize and manage the physical activities of those with special needs in their free time. The faculty further participates in a long-term research plan of the Faculty of Education (the Department of Special Education).

A unique unit at the Faculty of Sports Studies is the Biomotor Laboratory, which helps students understand both the basic locomotor movements and complicated patterns of movement connected to sport by means of modern technology (2D and 3D kinematic and dynamic analyses of motor structures).

### Faculty development, cooperation with the region

Within the region the Faculty of Sports Studies cooperates with the Regional Hygiene Station and the city of Brno on a Support for Health project entitled "Preventive and Health Exercises for the Middle Aged and Senior Citizens".

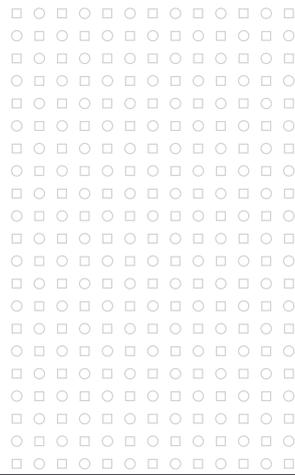
Regarding international cooperation, a proposal of a joint doctoral degree in Kinanthropology/Kinesiology was developed together with the University of Zagreb as part of an internationalization development project. Cooperation within bilateral agreements and the international programmes CEEPUS and ERASMUS, which enable students and academic staff to travel, also continued.

In November 2007 the faculty organized the 5th international conference on "Sport and Quality of Life 2007", which focused on the relationship between the quality of life and sports activities, including the consequences of physical exercise for mental and physical health. It was a good opportunity to meet with professionals from different fields and disciplines. Another important event in 2007 which the faculty co-organized was the Academic Championship in Ice-hockey and Cross-country Skiing.

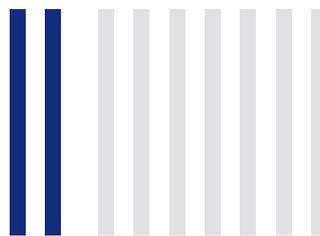
A new scholarly journal, *Studia Sportiva*, was founded, which aims at informing the academic public about new research results and scientific studies in the field of kinanthropology and related fields (biomechanics, the social sciences), to reflect current issues in the field and to present the promising research results of students.

▼ The Faculty of Sports Studies in Komárov





# 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

### 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**

### Names and addresses of 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**  
 Sladkého 13  
 617 00 Brno-Komárov



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

# 1. University Structure, Officers and Official Bodies

## SENIOR MANAGEMENT OF THE UNIVERSITY

**Prof. PhDr. Petr Fiala, Ph.D.**

Rector

**Prof. Ing. Antonín Slaný, CSc.**

until 31 August 2007 Vice-Rector for Student Welfare and Financial Affairs,  
from 1 September 2007 Vice-Rector for Studies

**Prof. MUDr. Zuzana Brázdová, DrSc.**

until 31 August 2007 Vice-Rector for Studies

**Assoc. Prof. JUDr. Jan Svatoň, CSc.**

from 1 September 2007 Vice-Rector for Student Welfare and Lifelong Learning

**Prof. RNDr. Jana Musilová, CSc.**

Vice-Rector for Research and Development

**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**

Secretary

**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	President
Compostela Group of Universities (CGU)	Spain	Member of Executive Committee
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
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 (JCMM)	Czech Republic	Member
South-Moravian Innovation Centre (JIC)	Czech Republic	Member
Czech Rector's Conference (CRC)	Czech Republic	Member
CESNET	Czech Republic	Member

## BOARD OF TRUSTEES

**MUDr. Alena Štětková, CSc.**

Advisor to the Director for Strategy and Development, St Anne's Faculty Hospital  
Chair

**ThDr. Ing. Lukáš Evžen Martinec**

Abbot, Old Brno Abbey of the Order of St. Augustine  
Vice-Chair

**Ing. Václav Hanke, CSc.**

Director, Department of Research and Development Programmes, Ministry of Education

**Ing. Bohdan Hejduk**

Director, State Budget Department, Ministry of Finance

**Ing. Stanislav Juránek**

Governor, South Moravia Region

**František Mikš**

Editor-in-chief, Barrister & Principal Publishers

**JUDr. Otakar Motejl**

Ombudsman

**Prof. MUDr. Peter Mráz, DrSc.**

Vice-Dean, Faculty of Medicine, J.A. Comenius University in Bratislava

**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

**PhDr. Jitka Vitásková**

Deputy Director, Brno House of Art

**Mgr. Bohuš Zoubek**

Member of the Board of Czech Radio

**Mgr. Jiří Nantl**

Executive Assistant to the Rector of Masaryk University

## SCIENTIFIC BOARD

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

**Assoc. Prof. PhDr. Mikuláš Bek, Ph.D.**  
Faculty of Arts

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

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

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

**Prof. PhDr. Petr Fiala, Ph.D.**  
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. 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

**Assoc. Prof. PaedDr. Vladislav Mužík, CSc.**  
Faculty of Education

**Prof. Ing. Pavel Ondrčka, CSc.**  
Faculty of Economics and Administration

**PhDr. Jan Pavlík**  
Faculty of Arts

**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

**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

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

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

**Prof. RNDr. Helena Illnerová, DrSc.**  
Academy of Sciences of the Czech Republic

**Assoc. Prof. RNDr. Petr Kolář, CSc.**  
J. A. Komenský College of Higher Education, Prague

**Assoc. Prof. RNDr. Jan Konvalinka, CSc.**  
Academy of Sciences of the Czech Republic

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

**Prof. PhDr. Milena Lenderová, CSc.**  
University of Pardubice

**Prof. RNDr. Miroslav Liška, DrSc.**  
Brno University of Technology

**Prof. MUDr. PhDr. Jana Mačáková, CSc.**  
Palacký University in Olomouc

**Prof. Dr. phil. PhDr. Marek Nekula**  
University of Regensburg

**Prof. PhDr. Miloslav Petrušek, CSc.**  
Charles University in Prague

**Prof. Ing. Oldřich Pytela, DrSc.**  
University of Pardubice

**Prof. Jan Sokol, Ph.D., CSc.**  
Charles University in Prague

**Prof. RNDr. Vladimír Souček, DrSc.**  
Charles University in Prague

**Prof. RNDr. Václav Suchý, DrSc.**  
University of Veterinary and Pharmaceutical Sciences in Brno

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

**Prof. Bedřich Velický, CSc.**  
Charles University in Prague

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

## External members

Prof. JUDr. Naděžda Rozehnalová, CSc., and Assoc. Prof. RNDr. Josef Trna, CSc. were appointed members of the Scientific Board with effect as of 1 March 2007. The board's activities came to an end on 31 August 2007.



## Masaryk University Scientific Board as of 25 September 2007

### Internal Members

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

**Assoc. Prof. PhDr. Mikuláš Bek, Ph.D.**  
Faculty of Arts

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

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

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

**Prof. PhDr. Petr Fiala, Ph.D.**  
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. 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. Ing. Pavel Ondrčka, CSc.**  
Faculty of Economics and Administration

**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

**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

### External Members

**Prof. PhDr. Václav Cejpek**  
Janáček Academy of Music and Performing Arts in Brno

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

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

**Prof. RNDr. Václav Hampl, DrSc.**  
Charles University in Prague

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

**Assoc. Prof. RNDr. Jan Konvalinka, CSc.**  
Academy of Science of the Czech Republic

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

**Prof. PhDr. Milena Lenderová, CSc.**  
University of Pardubice

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

**Prof. Dr. phil. PhDr. Marek Nekula**  
University of Regensburg

**Prof. Ing. Oldřich Pytela, DrSc.**  
University of Pardubice

**Prof. Ing. Milan Sojka, CSc.**  
Charles University in Prague

**Prof. RNDr. Vladimír Souček, DrSc.**  
Charles University in Prague

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

**Prof. MVDr. Vladimír Večerek, CSc.**  
University of Veterinary and Pharmaceutical Science in Brno

**Prof. Bedřich Velický, CSc.**  
Charles University in Prague

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

### Activities of the MU Scientific Board

The Scientific Board held four meetings in 2007.

The regular items on the agenda included information and discussions about the activities of Masaryk University, discussions about proposals for professorial appointments and proposals for MU honorary doctorates and the university's Gold and Silver Medals. The Scientific Board discussed 25 proposals for professorial appointments, of which 23 were approved and two terminated.

## Approved professorial proposals

**Assoc. Prof. MUDr. Milan Brázdil, Ph.D.**  
Neurology

**Assoc. Prof. RNDr. Ivana Černá, CSc.**  
Informatics

**Assoc. Prof. MUDr. Petr Dobšák, CSc.**  
Pathological physiology

**Assoc. Prof. MUDr. Antonín Fassmann, CSc.**  
Stomatologie

**Assoc. Prof. RNDr. Zdeněk Glatz, CSc.**  
Biochemistry

**Assoc. Prof. MUDr. Viktor Chrobok, CSc., Ph.D.**  
Regional Hospital Pardubice, Otorhinolaryngology

**Assoc. Prof. RNDr. Josef Janyška, CSc.**  
Mathematics – Geometry

**Assoc. Prof. MUDr. Zdeněk Kala, CSc.**  
Surgery

**Assoc. Prof. RNDr. Petr Klán, Ph.D.**  
Organic chemistry

**Assoc. Prof. MUDr. Milan Kolář, Ph.D.**  
Palacký University in Olomouc  
Medical microbiology

**Assoc. Prof. RNDr. Antonín Kučera, Ph.D.**  
Informatics

**Assoc. Prof. Gerhard Lammel, Ph.D.**  
University of Hamburg, Environmental chemistry

**Assoc. Prof. RNDr. Miloš Macholán, CSc.**  
Zoology

**Assoc. Prof. MUDr. Jaroslav Michálek, Ph.D.**  
Pediatrics

**Assoc. Prof. PhDr. Libor Musil, Ph.D.**  
Social policy and social work

**Assoc. Prof. MUDr. Zdeněk Novák, CSc.**  
Surgery

**Assoc. Prof. MUDr. Jiří Petera, Ph.D.**  
Charles University in Prague, Oncology

**Assoc. Prof. Steven Saxonberg, Ph.D.**  
Sociology

**Assoc. Prof. MUDr. Robert Staffa, Ph.D.**  
Surgery

**Assoc. Prof. Mgr. Marek Šebela, Dr.**  
Palacký University in Olomouc, Biochemistry

**Assoc. Prof. MUDr. Tomáš Vaněk, CSc.**  
Charles University in Prague, Anesthesiology,  
resuscitation and algology

**Assoc. Prof. RNDr. Michaela Vorlíčková, DrSc.**  
Academy of Sciences of the Czech Republic,  
Biophysics

**Assoc. Prof. MUDr. Alexandra Žourková CSc.**  
Psychiatry

Table 1.2 Proceedings for professorships and associate professorships discussed by the MU Scientific Board in 2007

Faculty	Professors			Associate Professors		
	Total	of which MU	Terminated	Total	of which MU	Terminated
FL	0	0	0	2	0	1
FM	12	8	0	10	3	0
FS	7	3	0	13	4	3
FA	0	0	0	4	1	0
FE	0	0	0	0	0	0
FEA	1	0	1	3	1	1
FI	2	2	0	1	0	0
FSS	3	1	1	4	1	0
FSpS	0	0	0	0	0	0
<b>Total</b>	<b>25</b>	<b>15</b>	<b>2</b>	<b>37</b>	<b>10</b>	<b>5</b>

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

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Professors</b>	18	13	18	11	30	22	25	24	13	13	18	25
Mean age	57.1	54.9	54.6	49.6	54.6	50.7	52.4	51.1	51.6	47.9	52.6	48
<b>Associate Professors</b>	62	57	69	46	42	24	40	39	58	38	39	37
Mean age	48.9	48.2	48	45.1	48.9	46.2	45.8	47.9	45.3	46.4	44	45

## ACADEMIC SENATE

	chair	vice-chairs
	JUDr. Filip Křepelka, Ph.D.	Veronika Kudrová Prof. MUDr. Miroslav Penka, CSc.
Representing	Academic Staff's Chamber	Students' Chamber
Faculty of Law	Assoc. Prof. JUDr. Milan Galvas, CSc. Prof. JUDr. Milana Hrušková, CSc. JUDr. Filip Křepelka, Ph.D.	Ivan Galat Veronika Kudrová
Faculty of Medicine	Assoc. Prof. MUDr. Mojmír Blaha, CSc. Prof. MUDr. Miroslav Penka, CSc. Prof. MUDr. Anna Vašků, CSc.	Michal Dráb MUDr. Martin Peší
Faculty of Science	RNDr. Miroslav Kolář, CSc. Assoc. Prof. RNDr. Ctibor Mazal, CSc. Assoc. Prof. RNDr. David Trunec, CSc.	Mgr. Jan Čech Mgr. Tomáš Mozga
Faculty of Arts	Assoc. Prof. PhDr. Jarmila Bednaříková, CSc. Prof. PhDr. Jaroslav Hroch, CSc. Jeffrey Alan Vanderziel, B.A.	Mgr. Jan Špaček Jiří Žoudlík
Faculty of Education	Assoc. Prof. RNDr. Jaroslav Beránek, CSc. Mgr. Jiří Míhola, Ph.D. Prof. RNDr. Vladislav Navrátil, CSc.	Bc. Karel Bernášek PhDr. Mgr. Pavel Vyhňák
Faculty of Economics and Administration	RNDr. Dalibor Moravanský, CSc. Assoc. Prof. Ing. Jaroslav Sedláček, CSc. Ing. Vladimír Žítek, Ph.D.	Ing. Šárka Grigarčíková Tomáš Psota
Faculty of Informatics	Prof. PhDr. Ing. Miloš Dokulil, DrSc. Assoc. Prof. RNDr. Ivan Kopeček, CSc. Assoc. Prof. RNDr. Luděk Matyska, CSc.	Mgr. Vojtěch Forejt Mgr. Jan Holeček
Faculty of Social Studies	Assoc. Prof. PhDr. Zdeněk Kříž, Ph.D. PhDr. Petr Suchý, Ph.D. PhDr. Zdeněk Sychra, Ph.D.	Dalibor Jenne Lenka Juřenová
Faculty of Sports Studies	PaedDr. Zdeněk Janík Mgr. Alena Pokorná, Ph.D. PaedDr. Věra Večeřová	Mgr. Oldřich Racek
University units	Assoc. Prof. RNDr. Václav Račanský, CSc.	

## 2. Studies

Table 2.1 Accredited degree programmes at MU

Groups of degree programme	Regular degree programmes								Total	
	Ba.		I-c Ma.		Ma.		PhD			
	O	C	O	C	O	C	O	C		
Natural sciences	16	6	8	–	16	3	–	–	8	57
Technical sciences	–	–	–	–	–	–	–	–	–	–
Agricultural, forestry, veterinary med.	–	–	–	–	–	–	–	–	–	–
Health, medical, pharmaceutical	2	2	3	–	2	–	–	–	3	12
Social sciences and services	18	15	6	2	13	10	–	–	7	71
Economics	3	2	3	–	4	2	–	–	3	17
Law, legal and public affairs	–	1	1	–	0	–	–	–	1	3
Education, teaching, social work	4	3	4	3	6	5	–	–	3	28
Psychology	1	1	1	1	1	1	–	–	2	8
Culture and the arts	1	1	1	–	1	1	–	–	1	6
<b>Total</b>	<b>45</b>	<b>31</b>	<b>27</b>	<b>6</b>	<b>43</b>	<b>22</b>	<b>–</b>	<b>–</b>	<b>28</b>	<b>202</b>

Note:

O – on-site studies,  
C – combined studies (or distance studies, as the case may be; this information give after a slash when the combined studies)

Groups of degree programmes are classified by study field codes: Natural sciences 11 to 18, Technical sciences 21 to 39, Agricultural, forestry, veterinary med. 41 to 43, Health, medical, pharmaceutical 51 to 53, Social sciences and services 61, 65, 67, 71 to 74, Economics 62, Law, legal and public affairs 68, Education, teaching, social work 75, Psychology 77, Culture and the arts 81 and 82.

Table 2.2 Student numbers in accredited degree programmes as of 31 October 2007

Groups of degree programmes	Degree programmes								Total
	Ba.		I-c Ma.		Ma.		PhD		
	O	C	O	C	O	C	O	C	
Natural sciences	4,008	131	27	0	1,125	9	550	307	6,157
Technical sciences	–	–	–	–	–	–	–	–	0
Agricultural, forestry, veterinary med.	–	–	–	–	–	–	–	–	0
Health, medical, pharmaceutical	666	85	2,440	0	225	0	318	455	4,189
Social sciences and services	5,677	1,618	89	1	1,791	426	300	489	10,391
Economics	897	1,622	969	0	216	361	61	112	4,238
Law, legal and public affairs	0	957	2,584	0	0	0	45	105	3,691
Education, teaching, social work	2,712	1,333	808	449	1,021	741	85	123	7,272
Psychology	106	167	490	72	109	0	55	72	1,071
Culture and the arts	951	675	2	0	226	8	39	79	1,980
<b>Total</b>	<b>15,017</b>	<b>6,588</b>	<b>7,409</b>	<b>522</b>	<b>4,713</b>	<b>1,545</b>	<b>1,453</b>	<b>1,742</b>	<b>38,989</b>

Table 2.3 Student numbers (citizens of CR) at MUS as of 31 October 2007

Faculty	Regular degree programmes								Total
	Ba.		I-c Ma.		Ma.		PhD		
	O	C	O	C	O	C	O	C	
FL	0	927	2,311	0	0	0	41	98	3,377
FM	620	81	1,510	0	213	0	237	449	3,110
FS	2,075	126	26	0	652	9	431	266	3,585
FA	4,053	1,263	466	67	1,640	165	225	425	8,304
FE	2,445	1,242	803	432	496	667	77	94	6,256
FEA	776	1,510	820	0	207	351	55	95	3,814
FI	1,265	0	0	0	370	0	55	19	1,709
FSS	1,748	898	0	0	678	215	125	97	3,761
FSpS	563	275	13	0	162	114	18	61	1,206
<b>Total</b>	<b>13,545</b>	<b>6,322</b>	<b>5,949</b>	<b>499</b>	<b>4,418</b>	<b>1,521</b>	<b>1,264</b>	<b>1,604</b>	<b>35,122</b>

Table 2.4 Student numbers (international) at MU as of 31 October 2007

Faculty	Regular degree programmes								Total degree programmes
	Ba.		I-c Ma.		Ma.		PhD		
	O	C	O	C	O	C	O	C	
FL	0	30	273	0	0	0	4	7	314
FM	46	4	930	0	8	0	63	40	1,091
FS	180	5	1	0	37	0	59	20	302
FA	384	45	102	6	83	6	30	34	690
FE	40	10	5	17	3	7	2	3	87
FEA	121	112	149	0	9	10	6	17	424
FI	488	0	0	0	70	0	5	2	565
FSS	195	58	0	0	84	1	18	12	368
FSpS	18	2	0	0	1	0	2	3	26
<b>Total</b>	<b>1,472</b>	<b>266</b>	<b>1,460</b>	<b>23</b>	<b>295</b>	<b>24</b>	<b>189</b>	<b>138</b>	<b>3,867</b>



### Student numbers in on-site and combined studies at MU faculties

■ combined  
■ on-site

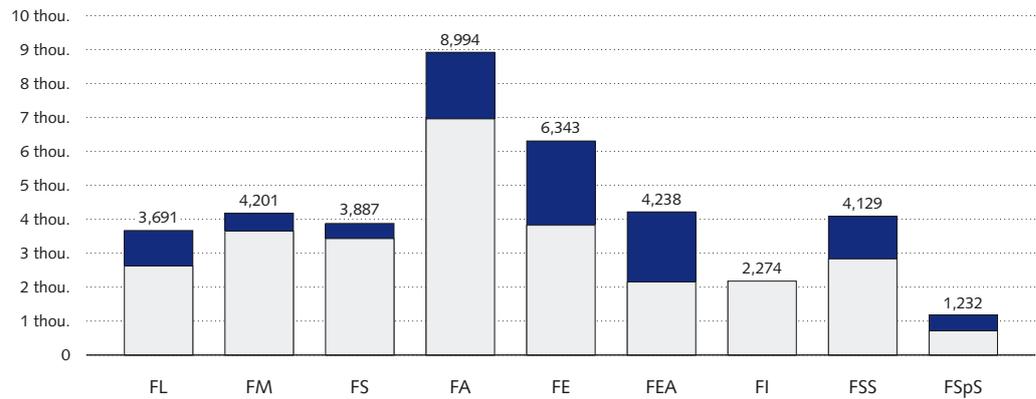
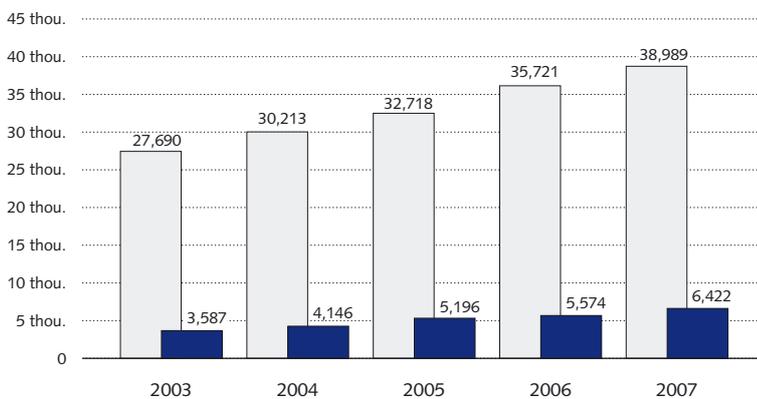


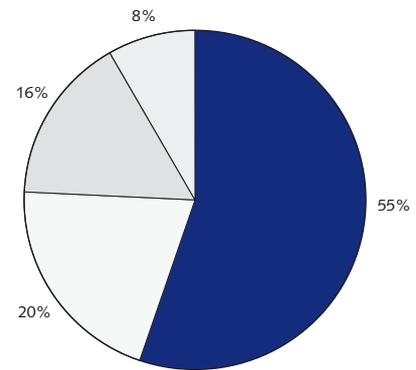
Table 2.5 Student numbers (including international) at MU in 2003–2007

	2003	2004	2005	2006	2007
Ba.	11,901	15,073	17,659	19,467	21,605
I-c Ma.	11,424	10,121	9,175	8,574	7,931
Ma.	1,751	2,109	2,864	4,513	6,258
PhD	2,614	2,910	3,020	3,167	3,195
<b>Total</b>	<b>27,690</b>	<b>30,213</b>	<b>32,718</b>	<b>35,721</b>	<b>38,989</b>

### Student and graduate numbers at MU



### Student structure by type of study programme



■ students ■ absolventi

■ Ba. ■ I-c Ma. ■ Ma. ■ PhD

Table 2.6 Interest of applicants in studies at MU by groups of degree programmes

Groups of degree programmes	Applications	Applicants	Admitted applications	Admitted applicants	Enrolled
Natural sciences	7,054	6,389	4,651	4,133	4,041
Technical sciences	–	–	–	–	–
Agricultural, forestry, veterinary med.	–	–	–	–	–
Health, medical, pharmaceutical	5,747	4,806	1,426	1,224	1,346
Social sciences and services	19,277	16,477	6,725	5,273	4,868
Economics	8,477	7,922	2,911	2,447	2,145
Law, legal and public affairs	8,918	8,099	1,171	1,137	1,131
Education, teaching, social work	11,089	10,531	4,728	4,260	3,515
Psychology	3,414	2,636	355	340	298
Culture and the arts	2,691	2,357	1,372	1,231	1,036
<b>Total</b>	<b>66,667</b>	<b>59,217</b>	<b>23,339</b>	<b>20,045</b>	<b>18,380</b>

Note:

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

Applicants: number of applicants for studies, who sat 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, the groups of study fields include the multiple admitted.

Enrolled: number of admitted students, who enrolled in studies.

Table 2.7 Interest of applicants in studies at MU by faculties

Faculty	Applications	Applicants	Admitted applications	Admitted applicants	Enrolled
FL	8,918	8,099	1,171	1,137	1,131
FM	5,747	4,806	1,426	1,224	1,346
FS	4,173	3,663	2,834	2,470	2,722
FA	13,440	11,379	6,007	5,118	4,291
FE	9,587	9,120	4,028	3,567	3,072
FEA	8,477	7,922	2,911	2,447	2,145
FI	2,881	2,726	1,817	1,663	1,319
FSS	11,086	9,824	2,449	1,851	1,784
FSpS	2,358	1,678	696	568	570
<b>Total</b>	<b>66,667</b>	<b>59,217</b>	<b>23,339</b>	<b>20,045</b>	<b>18,380</b>

Table 2.8 Graduate numbers at MU from 1 January 2007 to 31 December 2007

Groups of degree programmes	Regular degree programmes								Total graduates
	Ba.		I-c Ma.		Ma.		PhD		
	O	C	O	C	O	C	O	C	
Natural sciences	573	6	104	-	284	-	15	67	1,049
Technical sciences	-	-	-	-	-	-	-	-	-
Agricultural, forestry, veterinary med.	-	-	-	-	-	-	-	-	-
Health, medical, pharmaceutical	118	39	215	-	42	-	14	54	482
Social sciences and services	872	176	263	5	272	77	-	48	1,713
Economics	81	207	209	-	62	15	3	14	591
Law, legal and public affairs	0	230	425	-	0	-	3	24	682
Education, teaching, social work	441	236	390	130	140	222	5	17	1,581
Psychology	13	19	54	3	30	-	1	14	134
Culture and the arts	102	52	9	-	18	-	1	8	190
<b>Total</b>	<b>2,200</b>	<b>965</b>	<b>1,669</b>	<b>138</b>	<b>848</b>	<b>314</b>	<b>42</b>	<b>246</b>	<b>6,422</b>

Table 2.9 Graduate numbers at MU from 1 January 2007 to 31 December 2007 by faculty

Faculty	Regular degree programmes								Total graduates	
	Ba.		I-c Ma.		Ma.		PhD			
	O	C	O	C	O	C	O	C		
FL	0	230	425	0	0	0	0	3	24	682
FM	118	39	215	0	42	0	14	54	482	
FS	351	6	95	0	182	0	13	60	707	
FA	617	88	265	8	179	19	3	48	1,227	
FE	411	236	390	130	98	222	5	15	1,507	
FEA	81	207	209	0	62	15	0	14	588	
FI	222	0	9	0	102	0	2	7	342	
FSS	246	84	0	0	162	17	2	21	532	
FSpS	154	75	61	0	21	41	0	3	355	
<b>Total</b>	<b>2,200</b>	<b>965</b>	<b>1,669</b>	<b>138</b>	<b>848</b>	<b>314</b>	<b>42</b>	<b>246</b>	<b>6,422</b>	

Table 2.10 Failure to complete studies at MU in the period from 1 January 2007 to 31 December 2007

Groups of degree programmes	Regular degree programmes								Total students
	Ba.		I-c Ma.		Ma.		PhD		
	O	C	O	C	O	C	O	C	
Natural sciences	913	64	5	-	62	-	26	41	1,111
Technical sciences	-	-	-	-	-	-	-	-	-
Agricultural, forestry, veterinary med.	-	-	-	-	-	-	-	-	-
Health, medical, pharmaceutical	89	1	207	-	17	-	4	38	356
Social sciences and services	944	408	40	1	115	28	11	62	1,609
Economics	178	596	119	-	18	40	3	17	971
Law, legal and public affairs	0	106	209	-	0	-	3	7	325
Education, teaching, social work	554	99	90	56	80	36	2	10	927
Psychology	10	43	11	7	0	-	0	12	83
Culture and the arts	204	148	2	-	10	-	5	14	383
<b>Total</b>	<b>2,892</b>	<b>1,465</b>	<b>683</b>	<b>64</b>	<b>302</b>	<b>104</b>	<b>54</b>	<b>201</b>	<b>5,765</b>



Table 2.11 Failure to complete studies at MU in the period from 1 January 2007 to 31 December 2007

Faculty	Regular degree programmes								Total students
	Ba.		I-c Ma.		Ma.		PhD		
	O	C	O	C	O	C	O	C	
FL	0	106	209	0	0	0	3	7	325
FM	89	1	207	0	17	0	4	38	356
FS	446	64	5	0	18	0	23	35	591
FA	923	302	45	8	126	16	11	66	1,497
FE	524	85	90	56	23	25	2	9	814
FEA	178	596	119	0	18	40	3	17	971
FI	467	0	0	0	44	0	3	6	520
FSS	162	253	0	0	51	16	4	18	504
FSpS	103	58	8	0	5	7	1	5	187
<b>Total</b>	<b>2,892</b>	<b>1,465</b>	<b>683</b>	<b>64</b>	<b>302</b>	<b>104</b>	<b>54</b>	<b>201</b>	<b>5,765</b>

Table 2.12 Student/teacher ratio at MU in 1996–2007

Faculty	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07
FL	35.05	33.63	33.03	34.24	32.57	36.08	40.06	41.19	45.84	47.13	46.84
FM	5.86	5.89	6.41	6.74	7.07	8.32	8.32	9.27	12.06	13.42	13.88
FS	10.22	11.43	11.34	11.71	12.03	12.23	12.68	12.89	13.22	13.6	14.85
FA	19.24	18.49	18.29	20.36	19.03	22.65	29.96	39.93	33.6	37.53	37.82
FE	14.85	17.4	20.11	21.21	18.75	17.28	28.03	27.79	28.1	29.01	30.20
FEA	21.88	28.98	32.99	36.16	37.71	40.35	48.93	48.14	41.79	41.85	45.73
FI	25.92	29.41	35.1	30.01	30.83	39.82	38.58	34.74	35.86	37.8	43.56
FSS	–	–	28.95	29.83	35.46	44.22	39.96	36.53	44.07	45.51	46.40
FSpS	–	–	–	–	–	–	15.08	17.76	18.92	15.74	15.96
<b>MU</b>	<b>13.57</b>	<b>14.63</b>	<b>15.66</b>	<b>16.62</b>	<b>16.28</b>	<b>18.25</b>	<b>22.49</b>	<b>23.56</b>	<b>24.19</b>	<b>25.61</b>	<b>27.81</b>

Table 2.13 MU's involvement in international cooperation and mobility in EU mobility programmes

Note:  
\* the number includes also students, who started their stay abroad in 2006 and completed it in 2007

Programme	LLP (Socrates)					
	Erasmus	Comenius	Grundtvig	Leonardo	Jean Monnet	Erasmus Mundus
Number of projects	–	4	2	4	1	2
Number of outgoing students*	984	1	0	0	0	0
Number of incoming students	359	0	0	0	0	4
Number of outgoing academic staff	118	12	5	7	0	0
Number of incoming academic staff	60	20	0	6	0	0
Funding in thou. CZK	46,574	57	138	1,417	60	134

Table 2.14 MU's involvement in international cooperation and mobility programmes – other programmes

Programme	Ceepus	Aktion	Other (FM EHP)
Number of projects	8	5	3
Number of outgoing students	28	29	17
Number of incoming students	17	2	–
Number of outgoing academic staff	8	15	13
Number of incoming academic staff	8	10	12
Funding in thou. CZK	747	355	1,500

Table 2.15 MU's involvement in international cooperation and mobility programmes – other stays abroad

Programme	Government scholarships	Direct inter-university cooperation/of which Development Programmes			
		in Europe	of which Development Programmes	outside Europe	of which Development Programmes
Number of outgoing students	55	138	138	49	49
Number of incoming students	18	51	0	76	0
Number of outgoing academic staff	7	77	0	0	0
Number of incoming academic staff	0	47	0	0	0

Table 2.16 Number of lifelong learning courses by groups of degree programmes

Group of degree programmes	Professionally oriented courses			Personal interest courses			U3V	Total
	up to 15 h.	up to 100 h.	more	up to 15 h.	up to 100 h.	more		
Natural sciences	3	3	–	–	–	–	–	6
Technical sciences	9	27	–	–	–	–	–	36
Agricultural, forestry, veterinary med.	–	–	–	–	–	–	–	–
Health, medical, pharmaceutical	240	6	–	–	–	–	–	246
Social sciences and services	1	24	7	–	–	–	–	36
Economics	–	–	10	–	–	–	–	10
Law, legal and public affairs	–	5	2	18	13	–	–	38
Education, teaching, social work	2	62	3	2	10	–	–	79
Psychology	–	1	–	–	–	–	–	1
Culture and the arts	–	4	–	–	–	–	1	5
<b>Total</b>	<b>255</b>	<b>132</b>	<b>22</b>	<b>20</b>	<b>23</b>	<b>0</b>	<b>5</b>	<b>457</b>

Table 2.17 Number of students in lifelong learning courses by groups of degree programmes

Group of degree programmes	Professionally oriented courses			Personal interest courses			U3V	Total
	up to 15 h.	up to 100 h.	more	up to 15 h.	up to 100 h.	more		
Natural sciences	24	105	–	–	–	–	–	129
Technical sciences	225	53	–	–	–	–	–	278
Agricultural, forestry, veterinary med.	–	–	–	–	–	–	–	–
Health, medical, pharmaceutical	12,000	76	–	–	–	–	–	12,076
Social sciences and services	11	240	52	–	–	–	1,480	1,783
Economics	–	–	230	–	–	–	–	230
Law, legal and public affairs	–	375	212	221	404	–	–	1,212
Education, teaching, social work	620	1,704	50	28	249	–	–	2,651
Psychology	–	20	–	–	–	–	–	20
Culture and the arts	–	16	–	–	–	–	80	96
<b>Total</b>	<b>12,880</b>	<b>2,589</b>	<b>544</b>	<b>249</b>	<b>653</b>	<b>0</b>	<b>1,560</b>	<b>18,475</b>

Table 2.18 Number of lifelong learning courses

MU faculty	Professionally oriented courses	Personal interest courses	U3V	Total
Faculty of Medicine	246	–	–	246
Faculty of Law	7	31	–	38
Faculty of Science	6	–	–	6
Faculty of Arts	31	–	–	31
Faculty of Education	41	9	–	50
Faculty of Economics and Administration	10	–	–	10
Faculty of Informatics	36	–	–	36
Faculty of Social Studies	6	–	–	6
Faculty of Sports Studies	26	3	–	29
RMU	–	–	5	5
<b>Total</b>	<b>409</b>	<b>43</b>	<b>5</b>	<b>457</b>

Table 2.19 Number of students in lifelong learning courses

MU faculty	Professionally oriented courses	Personal interest courses	U3V	Total
Faculty of Medicine	12,076	–	–	12,076
Faculty of Law	587	625	–	1,212
Faculty of Science	129	–	–	129
Faculty of Arts	338	–	–	338
Faculty of Education	1,201	66	–	1,267
Faculty of Economics and Administration	230	–	–	230
Faculty of Informatics	278	–	–	278
Faculty of Social Studies	22	–	–	22
Faculty of Sports Studies	1,152	211	–	1,363
RMU	–	–	1,560	1,560
<b>Total</b>	<b>16,013</b>	<b>902</b>	<b>1,560</b>	<b>18,475</b>

Table 2.20 Masaryk University residences

Residence	Address	Number of beds	Accommodation capacity
Vinařská	Vinařská 5, 60300 Brno	1,115	1,262
Tvrdeho	Tvrdeho 5/7, 60200 Brno	358	358
Kounicova	Kounicova 50, 60200 Brno	580	596
Mánesova	Mánesova 12c, 61200 Brno	346	346
Klácelova	Klácelova 2, 60200 Brno	313	313
nám. Míru	nám. Míru 4, 60200 Brno	247	247
Veveří	Veveří 29, 60200 Brno	70	70
Komárov I.	bří. Žůrků 5, 61700 Brno	479	496
Komárov II.	Sladkého 13, 61700 Brno	432	432
Komárov III.	Lomená 48, 61700 Brno	168	179
<b>Total</b>		<b>4,108</b>	<b>4,299</b>

Table 2.21 MU Hotels

Hotel	Address	Accommodation capacity
UNI hotel Vinařská	Vinařská 6, 60300 Brno	147
UNI hotel Čejkova	Čejkova 21, 61500 Brno	27
UNI hotel Grohova	Grohova 11, 60200 Brno	10
UNI hotel Žerotínovo nám.	Žerotínovo nám. 9, 60177 Brno	16
Hotel beds Komárov	Bří Žůrků 5	17
Hotel beds Lomená	Lomená 48	11
Hotel beds Družba	Kounicova 50	16
<b>Total</b>		<b>244</b>



Table 2.22 Structure of accommodation available to MU

Year	MU	VUT	Total	Index
2003/2004	4,175	170	4,345	128.7
2004/2005	4,179	170	4,349	128.8
2005/2006	4,181	0	4,181	96.1
2006/2007	4,124	0	4,124	98.6
2007/2008	4,108	0	4,108	99.6

Table 2.23 Number of accommodated students

	2003	2004	2005	2006	2007
January	4,155	4,139	4,164	4,028	3,854
February	4,087	4,092	4,080	4,067	3,917
March	4,131	4,081	4,117	3,961	3,869
April	4,129	4,032	4,048	3,864	3,820
May	4,094	3,943	3,994	3,789	3,666
June	3,988	3,717	3,742	3,520	3,662
October	4,145	3,836	4,154	4,057	4,029
November	4,146	4,152	4,161	4,054	4,040
December	4,151	4,169	4,133	3,927	3,865
<b>Total</b>	<b>37,026</b>	<b>36,161</b>	<b>36,593</b>	<b>35,267</b>	<b>34,722</b>
<b>Average</b>	<b>4,114</b>	<b>4,017</b>	<b>4,065</b>	<b>3,919</b>	<b>3,858</b>

Table 2.24 Numbers of meals served in MU canteens

Canteen	2003	2004	2005	2006	2007
Moravské nám.	375,357	345,396	330,091	314,470	335,627
Vinařská	244,281	288,970	294,878	295,574	314,542
Veveří	139,604	197,037	199,548	209,841	197,409
<b>Total</b>	<b>759,242</b>	<b>831,403</b>	<b>824,517</b>	<b>819,885</b>	<b>847,578</b>

Table 2.25 Student social welfare – accommodation and catering

Total accommodation capacity in university residences	4,128
Number of beds in leased facilities	0
Number of accommodation applications as of 31 December 2007	7,692
Number of accommodation applications disposed of in the affirmative as of 31 December 2007	4,128
Number of accommodation applications disposed of in the affirmative in %	54

Table 2.26 Price structure of 1 bed per month

grants for accommodation and catering provided by the Ministry of Education, Youth and Sports	0
funds from other resources of the university	0
price paid by student	2,234
price paid by employee	4,000
price for others – daily rate, mean	700

Table 2.27 Price structure per 1 main meal

grants for accommodation and catering provided by the Ministry of Education, Youth and Sports	23
funds from other resources of the university	0
price paid by student	30
price paid by employee	30
price paid by other persons	63

Table 2.28 Number of main meals served in 2007

Total	892,553
of which students	734,255
of which employees	113,323
of which others	44,975

Note:  
the prices are mean prices as they are derived from the type of room and residence  
both for 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 1 night, breakfast inclusive  
the prices are in CZK, inclusive 5% VAT

Note:  
price of a meal = mean price of food-stuff, including a share on operational expenses  
the price is in CZK, including 19% VAT  
the price for students and employees is the same  
for boarders other than students and employees the full price is applicable, VAT inclusive

Note:  
excluding Šlapanice Centre and Cikháj Centre

Table 2.29 Numbers of disabled students at MU faculties (*in per mille*)

Faculty	students with limited mobility	students with hearing disabilities	students with visual disabilities
FL	0.3	1	2.5
FM	0	0.5	0.2
FS	0.8	0.8	0.5
FA	1	0.7	2
FE	1.4	4.8	4.1
FEA	1.8	0.7	0.7
FI	2.1	9.8	6
FSS	2.9	0.5	3.1
FSpS	0.8	0	0
<b>MU</b>	<b>11.1</b>	<b>18.8</b>	<b>19.1</b>

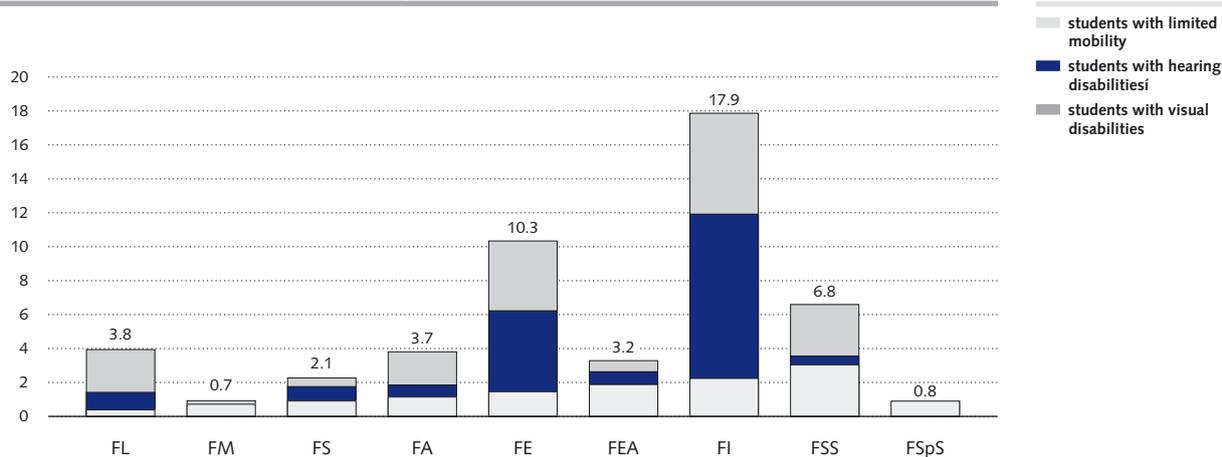
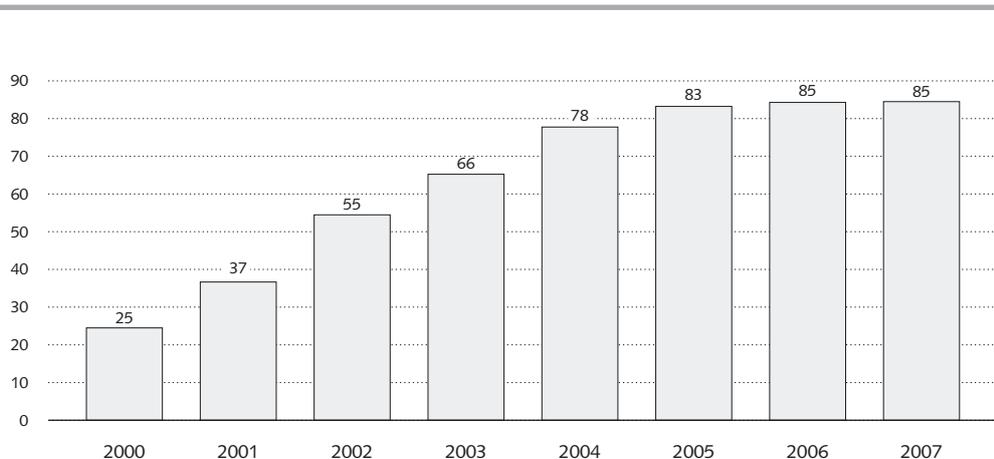
Numbers of disabled students at MU faculties (*in per mille*)

Table 2.30 Numbers of disabled students at MU

Year	students with limited mobility	students with hearing disabilities	students with visual disabilities	Total
2000	2	2	9	13
2001	2	4	19	25
2002	2	4	25	31
2003	5	9	38	52
2004	9	21	50	80
2005	23	37	70	130
2006	28	52	84	164
2007	47	76	91	214

Numbers of disabled students at MU



### 3. Research

Table 3.1 Support of research and development in 2007 (in thou. CZK)

	non-cap.	cap.	total
Total	720,335	103,507	823,842
of which: MIN.EDUCATION	561,920	99,257	661,177
other departments	145,780	4,250	150,030
from abroad	12,635	0	12,635

Tabulka 3.1a List of research projects of the Ministry of Education, Youth and Sports (in thou. CZK)

Faculty	Title	source	cap.	non-cap.	total
<b>research plans</b>		<b>Total</b>	<b>83,554</b>	<b>319,057</b>	<b>402,611</b>
FA	Research centre for Central European history: sources, countries, culture	C	65	11,768	11,833
FA	Interdisciplinary centre for the research on social structures from prehistory to the high Middle Ages. Archaeological terrain and academic research, use of natural sciences, methodology and informatics, protection of cultural heritage	C	900	11,076	11,976
FA	Centre for interdisciplinary research of ancient languages and earlier phases of modern languages	C	0	10,970	10,970
FI	Highly parallel and distributed computer systems	C	2,000	11,935	13,935
FSS	Psychological and social characteristics of children, young people and families, development of personalities during an era of change in modern society	C	0	10,911	10,911
FSS	Political parties and representation of interests in contemporary European democracies	C	0	7,045	7,045
FSS	Reproduction and integration of society	C	70	12,136	12,206
FM	Early diagnosis and treatment of cardiovascular diseases	C	5,305	11,195	16,500
FM	Internal organisation and neurobiological mechanisms of functional CNS systems	C	2,620	19,441	22,061
FM	Functional and molecular characteristics of oncogenic and normal stem cells – identification of targets for new therapeutics and therapeutic strategies	C	6,427	15,573	22,000
FM	From classical prognostic markers to clinically applicable pharmacogenomic and pharmacoproteomic projects for multiple myeloma and monoclonal gamopathies	C	9,046	9,636	18,682
FE	School and health for the 21st century	C	225	8,602	8,827
FE	Special needs of pupils in the context of the Framework educational programme for elementary education	C	500	11,464	11,964
FL	European context of the development of Czech law after 2004	C	0	6,390	6,390
FS	Mathematical structures and their physical application	C	0	12,083	12,083
FS	Physical and chemical properties of advanced materials and structures	C	4,855	10,665	15,520
FS	Study and application of plasma-chemical reactions in non-isothermal, low-temperature plasma and its interactions with the surface of solid substances	C	6,544	12,202	18,746
FS	Interaction between chemical substances, the environment and biological systems and their consequences on the global, regional and local levels (INCHEMBIOL)	C	9,409	31,918	41,327
FS	Proteins in metabolism and in the interaction of organisms and the environment	C	15,468	21,744	37,212
FS	The molecular basis of cell and tissue regulation	C	9,327	35,395	44,722
FS	Diversity of biota communities and populations: causal analysis of variability in space and time	C	9,943	24,115	34,058
FS	Dynamic geo-visualisation in crisis management	C	850	12,793	13,643
<b>basic research centres</b>		<b>Total</b>	<b>11,178</b>	<b>39,050</b>	<b>50,228</b>
FA	Research on the function of technology in the creation and production of the performing arts	C	30	668	698
FA	Research Centre for the Old and Middle Czech (from ancient roots to the contemporary state)	C	0	1,296	1,296
FI	Dynamics and organisation of chromosomes during the cell cycle in normal and pathological states	C	0	1,929	1,929
FI	Centre of computation linguistics	C	200	2,030	2,230
FI	Centre of computer graphics	C	0	1,552	1,552
FM	Centre for basic research of monoclonal gamopathies and multiple myeloma	C	3,449	3,620	7,069
FM	Centre of chemical genetics	C	0	3,438	3,438
FE	Centre for basic research or school education	C	0	2,428	2,428
FS	Eduard Čech Centre for Algebra and Geometry	C	0	1,533	1,533
FS	Ichtyoparasitology	C	417	3,690	4,107
FS	Jaroslav Hájek Centre for Theoretical and Applied Statistics	C	0	1,128	1,128
FS	Integrated bioanalytical technologies for microanalyses and diagnostics using LIF and material spectrometry	C	2,400	781	3,181
FS	Biomolecular Centre	C	3,500	3,458	6,958
FS	Centre of biophysical chemistry, bioelectrochemistry and bioanalysis. New tools for genomics, proteomics and biomedicine.	C	200	1,041	1,241
FS	Centre for biodiversity research	C	0	1,558	1,558
FS	Regulation of morphogenesis of plant cells and organs	C	747	5,174	5,921
FS	Centre of biocatalysis and biotransformations	C	235	3,726	3,961
<b>research centres</b>		<b>Total</b>	<b>540</b>	<b>41,604</b>	<b>42,144</b>
FEA	Centre for research of competitive ability of the Czech economy	C	–	18,604	18,604
FM	Stomatological research centre	C	540	23,000	23,540

Faculty	Title	source	cap.	non-cap.	total
<b>reference info</b>		<b>Total</b>	<b>0</b>	<b>13,340</b>	<b>13,340</b>
FA	Continuation of the licence for Literature Online for academic institutions	C	0	1,988	1,988
FA	A consortional approach to the basic art-historical and art-theoretical reference tools for research in art and architecture.	C	0	1,081	1,081
FA	Electronic Databases for Studying and Research of Greek and Latin Authors and Texts from Antiquity, Middle Ages and the Early Modern Period	C	0	1,817	1,817
UVT	Information resources for research in Computer Science	C	0	8,454	8,454
<b>CONTACT</b>		<b>Total</b>	<b>0</b>	<b>2,113</b>	<b>2,113</b>
FSS	World Internet project – the Czech Republic	C	0	613	613
FS	Srs2 protein and its multifunctional role in recombination/repair processes	C	0	750	750
FS	Second order optimality conditions for optimization problems	C	0	74	74
FS	New methods of biological control of plant disease	C	0	105	105
FS	Multidisciplinary study of Antarctic terrestrial vegetation within the IPY framework	C	0	300	300
FS	Roots, water and the rhizosphere: Flushing out a new paradigm for belowground biology?	C	0	271	271
<b>COST</b>		<b>Total</b>	<b>0</b>	<b>2,374</b>	<b>2,374</b>
FM	Monitoring of morphological and metabolic changes after severe brain injuries by means of MR spectroscopy	C	0	700	700
FM	Gene Diagnostics and Therapy of Multiform Glioblastoma	C	0	0	0
FS	Simulation and application of monolithic X-ray diffractive optics	C	0	215	215
FS	Study of ordering processes in advanced transition metals aluminides	C	0	400	400
FS	Multiscale modelling of structure and properties of intermetallic phases	C	0	242	242
FS	Utilization of hyphenated electrochemical methods to study of electrochemical and bio-electrochemical processes at solid-electrolytes interfaces	C	0	242	242
FS	Theoretical modelling of phase diagrams of low-melting point alloys	C	0	175	175
FS	Chemical transformations in microwaves	C	0	400	400
<b>Support of begin.w.</b>		<b>Total</b>	<b>0</b>	<b>252</b>	<b>252</b>
FS	Synthesis of new Si-O(N)-C materials by plasma enhanced CVD	C	0	252	252
<b>Healthy and quality life</b>		<b>Total</b>	<b>3,985</b>	<b>24,171</b>	<b>28,156</b>
FM	Safer biotechnology of the allogeneic hematopoietic stem cells in solid and hematological cancer as an adoptive immunotherapy	C	3,985	11,111	15,096
FM	Increasing the efficacy of the diagnostics and treatment of gastro-esophageal reflux disease	C	–	3,608	3,608
FS	Bumblebees as an Active Element of the Environment Biodiversity.	C	–	574	574
FS	New methods for the characterization and identification of probiotic bacterial strains suitable for functional foods.	C	–	1,205	1,205
FS	Nanotechnological and bioanalytical detection of the DNA damage.	C	–	1,335	1,335
FI	Determination of markers, screening and early diagnostics of cancer diseases using highly automated processing of multidimensional biomedical images	C	–	4,984	4,984
FSS	New Social Risks of Czech Labour Market and the Needs of its Political Regulation Reform after the EU Admission.	C	–	1,354	1,354
<b>Total Min. of Ed., Youth and Sports</b>			<b>99,257</b>	<b>441,961</b>	<b>541,218</b>

Tabulka 3.1b List of research projects of the Grant Agency of the Czech Republic (in thou. CZK)

Faculty	Name of selected research projects (with a budget over 1.1 mil. CZK)*	source	cap.	non-cap.	Total funding
FS	Cartographic visualisation and modelling of current trends in health condition and health care in the Czech Republic	B	917		917
FS	Eco-geographic and genetic limitation of intensity of natural interspecies hybridisation	B	701		701
FS	Evolutionary ecological analysis of biological systems: DSP Research Centre	B	0	2,270	2,270
FS	Intraspecies variability of populations of two cryptic species of bats of the Pipistrellus kind in Central Europe	B	0	1,388	1,388
FS	Deposition of thermomechanically stable nanostructured diamond-like thin layers in two-frequency capacitive discharges	B	351	1,001	1,352
FS	Molecular and cytogenetic analysis of gigantic genomes of the Fritillaria (Liliaceae) kind	B	0	1,272	1,272
FS	The task of selected transcription factors in the osteoclastic differential path	B	0	1,147	1,147
FM	Comparative genome sequencing of pathogenic treponemas and transcriptomous analysis of T. pallidum ssp. pallidum	B	0	1,847	1,847
FM	Genetic determinants for-/antioxidant equilibrium in pathogenesis of respiratory diseases	B	0	1,459	1,459
FM	Changes of cytokinins in spinal nodes of experimental models of neuropathic pain induced by unilateral nerve damage	B	240	939	1,179
FM	Regulation of biosynthesis of secondary metabolites in the Schisandra chinensis cell culture	B	174	973	1,147
FM	Molecular and cell biology in biomedicine	B	0	1,129	1,129
FI	Integrated approach to DSP students in the area of parallel and distributed systems	B	0	2,941	2,941
FI	Cryptographic generators of random and pseudo-random numbers	B	0	1,137	1,137
FA	Moravian-Silesian School of Archaeological Doctoral Studies	B	0	2,671	2,671
FA	Integration in languages – languages in integration	B	0	1,262	1,262
FA	De-traditionalisation and individualization of religion in the Czech Republic and their sociopolitic and socioeconomic consequences	B	0	1,132	1,132

Note:

\* The total funding provided in 2007 by the Grant Agency of the Czech Republic amounted to 77,014 thou. CZK, of which 75,758 thou. CZK for non-capital expenses and 1,256 thou. CZK of capital expenses.



Tabulka 3.1c List of international projects of the EU – 6.RP (*in thou. CZK*)

Project title	Source	Funding in 2007 (non-cap.)
Functional and Structural Genomics of Viral RNA (6.RP-FSG-V-RNA)	A	43,010
Genetics of Sepsis in Europe (6.RP – GenoSept)	A	102,850
Focusing NMR on the Machinery of Life (6.RP-NMR-Life)	A	341,295
Functional Genomic Characterisation of Molecular Determinants for Staphylococcal Fitness, Virulence and Drug Resistance (6.RP-StaphDynamics)	A	0
European Human Embryonic Stem Cell Registry (6.RP-EU hESC)	A	101,620
Biotechnology Ethics: Deeping by Research, Broadening to Future Applications and New EU Members, Permeating Education to Young Scientists (6.RP-BIOTETHED)	A	503,725
Tackling the Social and Economic Determinants of Nutrition and Physical Activity for the Prevention of Obesity in Europe (6.RP-EURO-PADNet)	A	1,157,207
European research Network of Foundations, Software Infrastructures and Applications for large scale distributed, Grid and Peer-to-Peer Technologies (6.RP-CoreGRID)	A	234,308
Network of Excellence on Digital Libraries (6.RP-DELOS)	A	141,723
Scalable Modelling and Analysis Techniques to study Emergent Cell Behaviour – Communities (6.RP-EC-MOAN)	A	2,044,788
Search on Audio-visual Content using Peer-to-peer Information Retrieval (6.RP-SAPIR)	A	0
Standard and Interoperable Satellite Solution to Deploy Healthcare Services over Wide Areas (6.RP-Healthware)	A	577,873
Networking in the application of biosensors to pesticide detection in fruits and vegetables (6.RP-BIODET)	A	0
Integrated Project to Evaluate the Impacts of Global Change on European Freshwater Ecosystems (6.RP-Euro-limpacs)	A	83,513
Dynamic Sensing of Pollution Disasters and Predictive Modelling of Their Ecological Impact (6.RP-ECODIS)	A	1,162,609
European climate of the last millennium (6.RP-MILLENIUM)	A	326,992
Reconciling Work and Welfare in Europe (6.RP-RECOWOWE)	A	107,397
Civil Society and New Forms of Governance in Europe – The Making of European Citizenship (6.RP-CINEFOGO)	A	78,657
Growing Inequality and Social Innovation: Alternative Knowledge and Practice in Overcoming Social Exclusion in Europe (6.RP-KATARSIS)	A	0
Needs for Female Immigrants and their integration in Ageing Societies (6.RP-FEMAGE)	A	413,145
Religions and Values: Central and Eastern European Research Network (6.RP-REVACERN)	A	496,314
Eastern Enlargement – Western enlargement. Cultural Encounters in the European Economy and Society after the Accession (6.RP-DIOSCURI)	A	336,734
Superstring Theory (6.RP-SUPERSTRINGS)	A	0
Development of an Assessment to Evaluate the Ecological Status of Rivers in the Hindu Kush-Himalayan Region (6.RP- ASSESS-HKH)	A	514,258
Chimeras and Hybrids in comparative European and International research – natural scientific, ethical, philosophical and legal aspects (6.RP-Chimera)	A	118,244
The Future of Identity (6.RP-FIDIS)	A	1,136,417

Table 3.2 Number of students in doctoral degree programmes (DSP) at MU

Faculty	O	C	Total
FL	45	105	150
FM	300	489	789
FS	490	286	776
FA	255	459	714
FE	79	97	176
FEA	61	112	173
FI	60	21	81
FSS	143	109	252
FSpS	20	64	84
<b>MU</b>	<b>1453</b>	<b>1742</b>	<b>3195</b>

DSP student/professor/associate professor ratio

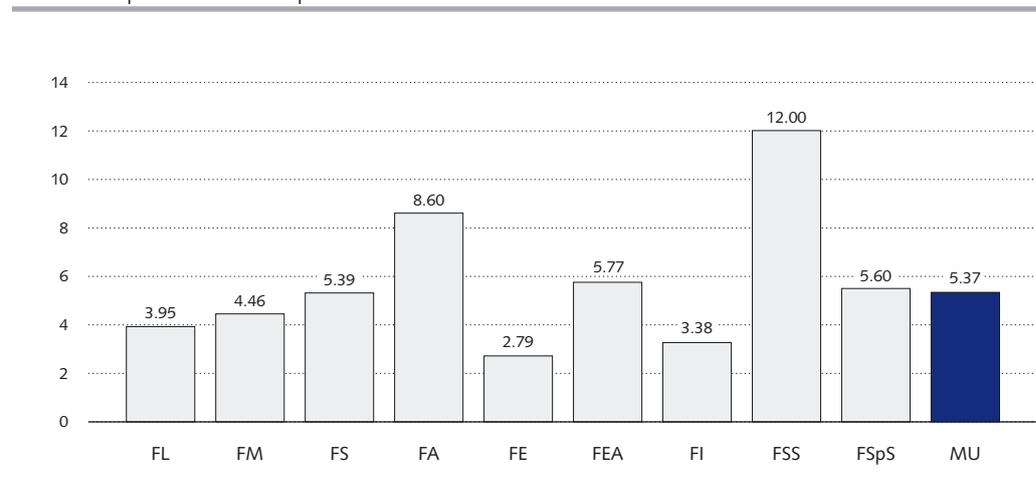


Table 3.3 Age structure of MU academic staff

Age	Academic staff										Research workers	
	Professors		Assis. Prof.		Instructors		Associate Professors		Lecturers		Total	Women
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women		
under 29	–	–	–	–	43	19	157	93	18	14	7	3
30–39	2	1	40	6	379	117	155	76	43	24	30	9
40–49	25	3	88	17	191	99	46	34	40	25	9	1
50–59	89	12	123	32	148	72	36	29	35	23	1	–
60–69	78	18	94	31	37	18	12	4	11	3	8	–
Over 70	45	3	13	2	4	–	2	–	–	–	6	–
<b>Total</b>	<b>239</b>	<b>37</b>	<b>358</b>	<b>88</b>	<b>802</b>	<b>325</b>	<b>408</b>	<b>236</b>	<b>147</b>	<b>89</b>	<b>61</b>	<b>13</b>

Table 3.4 Academic staff at MU as of 31 December 2006

Full/part-time employment	Total	Prof.	Assoc. Prof.	Other	DrSc.	CSc.	Dr., Ph.D., Th.D.
Up to 30%	439	25	32	382	8	65	79
Up to 50%	210	25	27	158	15	44	46
Up to 70%	69	17	12	40	6	23	22
Up to 100%	1,297	172	287	838	31	382	565

Note:  
In the case of, for example, Prof. xxx,  
CSc. data should be included in both  
the Prof. and the CSc. Columns

Table 3.5 Structure of academic staff by faculty – actual numbers

Faculty	Professors	Associate Professors	Assis. Prof.	Instructors	Lecturers	Research workers
FL	15	23	39	10	1	–
FM	85	92	355	178	2	3
FS	52	92	74	2	27	43
FA	38	45	104	51	26	10
FE	12	51	90	66	17	–
FEA	12	18	42	40	1	–
FI	12	12	23	–	6	5
FSS	10	11	46	25	7	–
FSpS	3	12	18	21	29	–
<b>Total</b>	<b>239</b>	<b>356</b>	<b>791</b>	<b>393</b>	<b>116</b>	<b>61</b>

Table 3.6 Publication activity in research in 2007

Faculty	Monographs		Original work in proceedings		Original work in periodicals		Other original work		Textbooks and study texts	Patents
	CR	abroad	CR	abroad	CR	abroad	CR	abroad		
FL	110	4	299	16	346	3	18	6	1	–
FM	62	2	659	192	873	132	132	23	–	–
FS	36	8	496	273	279	328	26	17	–	1
FA	74	12	274	31	323	29	91	31	–	–
FE	95	10	450	56	191	9	77	9	4	–
FEA	66	3	338	43	149	8	49	7	–	–
FI	8	5	90	99	53	40	3	5	3	–
FSS	22	7	82	14	221	16	54	29	–	–
FSpS	18	1	73	11	61	–	7	1	–	–
<b>Total</b>	<b>491</b>	<b>52</b>	<b>2,761</b>	<b>735</b>	<b>2,496</b>	<b>565</b>	<b>457</b>	<b>128</b>	<b>8</b>	<b>1</b>

Table 3.7 Recognition by the academic community

Faculty	Memberships on boards of grant agencies	International conferences organised	Awards for academic and artistic activities
FM	5	7	2
FS	8	16	10
FA	5	6	20
FE	2	11	3
FEA	0	10	11
FI	1	3	10
FSS	3	10	10
FSpS	0	0	2
<b>Total</b>	<b>32</b>	<b>80</b>	<b>69</b>



## 4. The University and Links to the Society

Table 4.1 Number and structure of publications issued 2005–2007

Faculty	2005			2006			2007		
	Course readers	Scholarly publications	Total	Course readers	Scholarly publications	Total	Course readers	Scholarly publications	Total
FL	23	13	36	38	13	51	21	17	38
FM	25	12	37	19	15	34	29	8	37
FS	25	14	39	15	12	27	22	16	38
FA	21	44	65	30	45	75	27	40	67
FE	51	26	77	31	21	52	34	30	64
FEA	38	13	51	35	27	62	26	17	43
FI	1	3	4	3	3	6	1	2	3
FSS	–	3	3	4	3	7	1	2	3
FSpS	2	3	5	4	7	11	5	6	11
RMU	7	22	29	–	32	32	8	24	32
<b>Total</b>	<b>193</b>	<b>153</b>	<b>346</b>	<b>179</b>	<b>178</b>	<b>357</b>	<b>174</b>	<b>162</b>	<b>336</b>

## 5. Development Activities and Support Processes

Table 5.1 Structure of funding of Programme 233 330 Development of the Material – Technical Base of MU (in mil. CZK)

	Renovation 233 333	Bohunice Campus 233 332	Programme 233 330
MU-loan	0	1,775	1,775
MU	430	379	809
Min. Finance – EIB	582	764	1,346
Min. Education	313	1,885	2,198
City of Brno	0	297	297
<b>Total</b>	<b>1,325</b>	<b>5,100</b>	<b>6,425</b>

Table 5.2 Schedule of funding of Programme 233 330 Development of the Material – Technical Base of MU (in mil. CZK)

	2002	2003	2004	2005	2006	2007	2008	Total
Renovation 233 333	113	250	259	338	136	79	150	<b>1,325</b>
Bohunice Campus 233 332	15	173	130	616	1,026	906	2,234	<b>5,100</b>
Programme 233 330	128	423	389	954	1,162	985	2,384	<b>6,425</b>

Table 5.3 Employee numbers at MU 2002–2007

	2003	2004	2005	2006	2007
<b>Physical numbers:</b>					
Academic staff	1,625	1,703	1,820	1,932	2,015
Non-academic staff	1,653	1,735	2,061	2,198	2,226
<b>Total</b>	<b>3,278</b>	<b>3,438</b>	<b>3,881</b>	<b>4,130</b>	<b>4,241</b>
<b>Full-time equivalent employees:</b>					
Academic staff	1,159.5	1,249.0	1,318.1	1,395.1	1,455.3
Non-academic staff	1,159.5	1,414.4	1,613.6	1,731.5	1,800.0
<b>Total</b>	<b>2,319.06</b>	<b>2,663.35</b>	<b>2,931.67</b>	<b>3,126.63</b>	<b>3,255.33</b>

Physical employee numbers

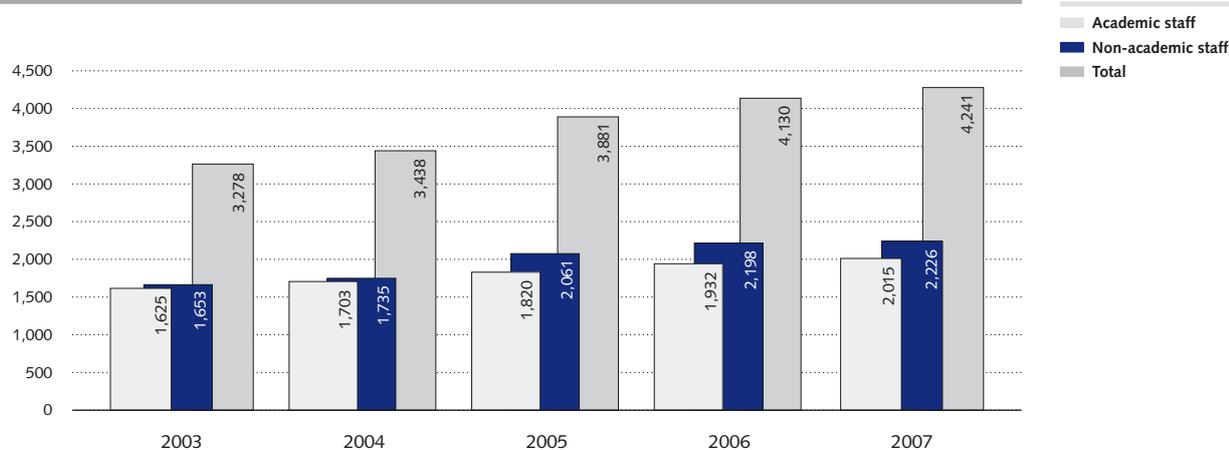


Table 5.4 Mean salaries of academic and non-academic staff at MU 2002–2007

	2003	2004	2005	2006	2007
Academic staff	27,161	33,000	38,336	39,777	42,588
Non-academic staff	17,183	20,187	22,563	24,185	26,044
<b>Total</b>	<b>22,002</b>	<b>26,207</b>	<b>29,653</b>	<b>31,142</b>	<b>33,439</b>

Table 5.5 Non-capital funding for teaching activities (in thou. CZK)

	2003	2004	2005	2006	2007
<b>Total</b>	<b>1,235,860</b>	<b>1,468,685</b>	<b>1,629,259</b>	<b>1,879,882</b>	<b>2,043,469</b>
<b>Min. Education</b>	<b>1,224,201</b>	<b>1,442,017</b>	<b>1,577,118</b>	<b>1,824,463</b>	<b>1,978,139</b>
Of which: teaching activities	1,169,432	1,388,100	1,534,797	1,807,320	1,958,461
accommodation and catering	54,129	52,352	41,768	16,674	18,415
other	640	1,565	553	469	1,263
<b>other state budget sources, local and regional governments</b>	<b>3,062</b>	<b>1,245</b>	<b>3,910</b>	<b>6,246</b>	<b>2,806</b>
<b>International and other</b>	<b>8,597</b>	<b>25,423</b>	<b>48,231</b>	<b>49,172</b>	<b>62,524</b>



Table 5.6 Non-capital funding for research and development (in thou. CZK)

	2003	2004	2005	2006	2007
<b>Total</b>	344,053	361,898	560,513	632,483	720,335
<b>Min. Education</b>	248,614	253,183	413,861	473,659	561,920
Of which: Targeted research	93,700	98,014	99,469	112,915	119,959
Long-term research plans	114,830	115,733	255,378	256,394	319,057
Other special funding of research	40,084	39,436	59,014	104,350	122,904
<b>other state budget sources, local and regional governments</b>	84,951	91,192	120,869	130,979	145,781
<b>International and other</b>	10,488	17,523	25,783	27,845	12,635

Table 5.7 Total non-capital revenue of MU (in thou. CZK)

	2003	2004	2005	2006	2007
<b>Total</b>	1,909,917	2,232,106	2,675,666	3,174,473	3,666,764
per student*	68.15	73.14	80.72	87.54	92.48

Note:  
\* Bc., Mgr., Ph.D., lifelong learning in accredited programmes

Total non-capital revenue of MU per student (in thou. CZK)

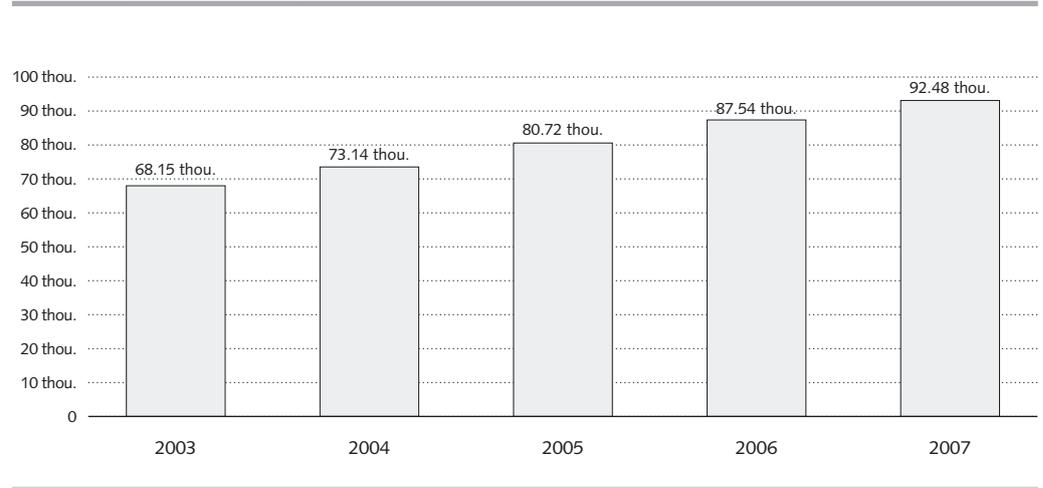


Table 5.8 MU supplementary and self-generated income (in thou. CZK)

	2003	2004	2005	2006	2007
Supplementary income	69,460	86,713	85,040	94,936	109,785
Self-generated income	263,976	316,865	410,686	573,895	796,381
<b>Total</b>	<b>333,436</b>	<b>403,578</b>	<b>495,726</b>	<b>668,831</b>	<b>906,166</b>

MU supplementary and self-generated income per full-time equivalent employee (in thou. CZK)

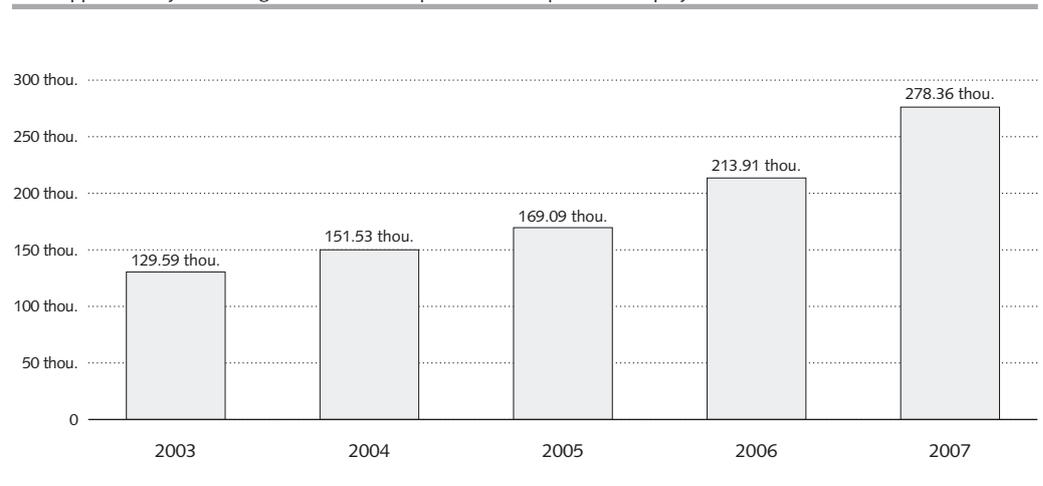


Table 5.9 Intangible and tangible assets: purchase value (in thou. CZK)

	2003	2004	2005	2006	2007
Intangible assets	66,686	73,951	76,993	95,201	98,400
Tangible assets	4,191,243	4,465,170	5,686,207	6,115,848	7,840,435
<b>Total</b>	<b>4,257,929</b>	<b>4,539,122</b>	<b>5,763,200</b>	<b>6,211,049</b>	<b>7,938,835</b>

Table 5.10 Depreciation of tangible and intangible fixed assets (in %)

	2003	2004	2005	2006	2007
Intangible assets	76.55%	80.44%	79.48%	68.47%	76.49%
Tangible assets	41.38%	40.18%	32.71%	31.66%	26.66%
<b>Total</b>	<b>41.93%</b>	<b>40.83%</b>	<b>33.33%</b>	<b>32.23%</b>	<b>27.27%</b>

Table 5.11 Real and movable assets: purchase value (in thou. CZK)

	2003	2004	2005	2006	2007
Real assets	2,448,799	2,672,857	3,711,253	3,919,030	5,347,738
Movable assets	1,742,444	1,792,313	1,974,954	2,196,763	2,492,697
<b>Total</b>	<b>4,191,243</b>	<b>4,465,170</b>	<b>5,686,207</b>	<b>6,115,793</b>	<b>7,840,435</b>

Table 5.12 Depreciation of real and movable assets (in %)

	2003	2004	2005	2006	2007
Real assets	15.84%	15.90%	12.86%	13.60%	11.14%
Movable assets	77.27%	76.38%	70.00%	63.89%	59.95%
<b>Total</b>	<b>41.38%</b>	<b>40.18%</b>	<b>32.71%</b>	<b>31.66%</b>	<b>26.66%</b>

Table 5.13 Involvement in Development Programmes in 2007

Development programmes	Number of submitted projects	Number of accepted projects	Allocated funding in thou. CZK		
			Capital	Non-capital	Total
Programme for improvement of the quality and efficiency of university management	4	4	241	18,196	18,437
Programme for the improvement of quality assurance of activities pursued at universities	1	1	0	1,902	1,902
Degree programmes innovation development programme	1	1	0	1,500	1,500
Development programme for the innovation of degree programmes in the education area of pedagogic workers, namely teachers, and programmes for life-long learning of pedagogic workers	2	2	657	20,579	21,236
International promotion development programme	1	1	439	4,361	4,800
Programme for human resources preparation and development	5	5	0	20,012	20,012
Programme promoting the creation of common structures between universities and customers	3	3	450	4,917	5,367
Programme to support the cooperation of universities with regional education systems	4	4	26,170	18,783	44,953
Programme for support of cooperation of universities with regional education systems	2	2	0	5,246	5,246
Programme for support of equal opportunities for admission to and study at a university, including advisory services development	3	3	989	15,060	16,049
Programme to support the removal of weaknesses and reinforce the strengths of the university	0	0	0	0	0
<b>Total</b>	<b>26</b>	<b>26</b>	<b>28,946</b>	<b>110,556</b>	<b>139,502</b>



Table 5.14 MU involvement in programmes funded from the EU Structural Funds

Operational Programme (name)	Measure (name)	Project	Project implementation	Amount provided in thou. CZK cap./non-cap.	Amount provided in thou. CZK for 2007 cap./non-cap.
Human Resources Development	3.1	Activating and Teaching Centre	2005–2007	8,277	3,336
	3.1	Integration Module for Secondary Education of Students with Hearing and Visual Disabilities	2005–2007	6,035	3,749
	3.1	Improvement of Elementary School Teachers' Knowledge about the European Union	2006–2008	2,483	1,375
	3.1	Creation of a Support Network for Innovative Forms of Life-Long Teaching of Pedagogic Workers and Workers in Education and their Sharing through E-learning in LMS Moodle	2006–2008	3,684	2,045
<b>Total</b>			<b>3.1</b>	<b>20,479</b>	<b>10,505</b>
Human Resources Development	3.2	Improvement of Teaching and Professional Training of Students of Psychology and Social Pedagogy and Counselling	2005–2007	6,951	2,777
	3.2	Practical Studies Centre	2005–2007	8,231	3,612
	3.2	Integration Module for Tertiary Education of Students with Hearing and Visual Disabilities	2005–2007	8,156	3,886
	3.2	Implementation of System Perspective into Teaching during Transition to Sustainable Development	2005–2007	7,697	3,267
	3.2	High-quality Research in Educational Sciences: Improvement of Professional Competencies of Graduates	2005–2007	2,617	998
	3.2	Development of Competencies of Masaryk University Students in Soft Skill and Project Management	2005–2007	5,504	1,297
	3.2	Life-long Teaching in the Field of Special Pedagogy	2005–2007	4,725	2,460
	3.2	Improvement of Teaching and Professional Training of Students of Pedagogy and Counselling: Strengthening of Personal Competence of Graduates	2006–2008	5,910	2,090
	3.2	Incubator of Environmental Business Plans	2006–2008	1,558	549
	3.2	Pedagogic Practice in the Environment of Socially Disadvantaged Groups	2006–2008	1,220	491
	3.2	Improvement of Students' Ability to Find a Job through Practically Oriented Seminars	2006–2008	2,619	1,327
	<b>Total</b>			<b>3.2</b>	<b>55,188</b>
<b>Total</b>	<b>3.1 + 3.2</b>			<b>75,667</b>	<b>33,259</b>

Table 5.15 Involvement in the Higher Education Development Fund (FRVŠ)

Theme	Number of accepted projects	Allocated funding in thou. CZK		
		Capital	Non-capital	Total
A	15	19,588	0	0
B	0	0	0	0
C	0	0	0	0
D	0	0	0	0
E	1	0	638	0
F	40	0	4,632	0
G	28	0	2,783	0
<b>Total</b>	<b>84</b>	<b>19,588</b>	<b>8,053</b>	<b>27,641</b>

## 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
FL	1	–	1	135	3,540	10.0	53
FM / KUK	1	–	66	970	2,967	19.6	46
FS	1	–	13	335	4,473	13.5	42
FA	1	–	20	521	2,248	34.0	71
FE	1	–	8	148	1,050	11.0	52
FEA	1	–	1	135	2,100	9.5	50
FI	1	–	0	32	1,431	2.3	48
FSS	1	–	0	232	3,282	11.5	58
FSpS	1	–	0	20	350	3.0	48
SPSSN	0	1	0	38	550	3.9	40
<b>Total</b>	<b>9</b>	<b>1</b>	<b>109</b>	<b>2,566</b>	<b>21,991</b>	<b>118.3</b>	<b>Average: 51</b>

Table 6.2 MU library collections

Faculty/Unit	Library items			Periodical titles (print)		Number of new items		
	Total	Books and periodicals	Open-shelf access	No. of titles	No. of copies	Total	Books and periodicals	Reduction in items
FL	127,232	114,508	57,290	1,274	1,353	4,868	3,987	3,837
FM / KUK	141,292	139,855	39,636	253	290	2,649	2,425	1,605
FS	342,476	276,474	96,788	873	1,317	5,745	4,521	6,679
FA	748,514	728,616	170,938	540	560	18,930	17,151	9,668
FE	146,992	140,607	29,623	229	312	7,437	6,785	6,760
FEA	51,339	45,718	45,717	150	262	3,964	2,496	29
FI	16,891	14,193	16,891	92	95	1,775	1,030	90
FSS	46,492	41,858	26,877	187	198	4,384	3,637	177
FSpS	10,162	8,609	9,708	73	93	1,640	1,276	4
SPSSN	3,836	1,886	2,017	3	3	628	406	31
<b>Total</b>	<b>1,635,226</b>	<b>1,512,324</b>	<b>495,485</b>	<b>3,674</b>	<b>4,483</b>	<b>52,020</b>	<b>43,714</b>	<b>28,880</b>

Table 6.3 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
FL	7,924	101,062	187	0	0	2	170,819
FM / KUK	4,219	60,093	1,113	38	470	24	13,154
FS	4,203	52,890	1,133	136	10	51	0
FA	8,148	169,673	1,315	0	690	33	63,365
FE	14,571	101,162	205	9	7	78	0
FEA	6,825	84,460	127	29	0	10	0
FI	2,722	11,000	92	36	0	5	0
FSS	7,203	37,235	392	60	0	29	10,154
FSpS	1,767	16,384	107	21	24	0	16,131
SPSSN	142	202	0	0	0	0	47,657
<b>Total</b>	<b>57,724</b>	<b>634,161</b>	<b>4,671</b>	<b>329</b>	<b>1,201</b>	<b>232</b>	<b>321,280</b>





## ANNUAL REPORT ON ACTIVITIES MASARYK UNIVERSITY 2007

Issued by Masaryk University, Czech Republic

Editor-in-chief (Czech): Soňa Basovníková

Editor-in-chief (English): Don Sparling

Editor: Pavla Hudcová

Translation: Nina Hanáková

Editorial assistance (English): Petra Judová

Production: Public Relations and Marketing Office, Rector's Office, MU

Graphic design and DTP: EXACTDESIGN; Pavel Jílek, Radek Poisl

Photography: MU archives, Aleš Ležatka, Zdeněk Náplava, Miroslav Mašek, Gabriel Dvořák, Tino Kratochvíl,  
archives of A PLUS, Bovis Lend Lease and OHL ŽS



