



MASARYK UNIVERSITY



ANNUAL ACTIVITY REPORT

2008



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Foreword

2008 was in many respects both a significant and demanding year for Masaryk University; among other matters, the university was confronted with crucial public policy developments in higher education as well as in research. Reforms in research, development and innovation commenced on a national level, while an intensive debate regarding possible changes to the Higher Education Act was initiated and the university was forced to contradict some of the proposals presented by the Ministry of Health regarding the transformation of existing faculty hospitals. Looking back on the past year, it may be said that in dealing with the above mentioned key issues as well as other – perhaps less noticeable – challenges, Masaryk University was always able to rely on a clearly defined strategy, well-maintained academic activities and a substantial financial and administrative base. The university presented itself as a self-confident public institution with a clearly delimited mission and set of values, ready to support, influence, and take active part in implementing reforms which are deemed necessary and justified.

Keen interest in studies at Masaryk University as well as a growing international student population, accounting for a full 11% of all students, is ample evidence of the fact that the public increasingly appreciates the study environment the university has to offer. Integrated and lucid study regulations as well as a great degree of openness, clarity and accessibility all characterize the university's approach to its students. The university is in the process of developing a quality monitoring and management system, supplementing the existing infrastructure with e.g. a pilot quality assessment mechanism evaluating individual fields of study. Continuous self-improvement is an inherent part of the Masaryk University ethos: it is one of the most prominent Czech institutions as far as implementing novel concepts developed in the European higher education area is concerned.

In terms of strengthening its research profile, the university achieved significant progress in 2008, preparing strategic programmes potentially drawing on European Structural Funds. Creating new research capacities based on existing infrastructure as well as a range of research programmes – unparalleled in the Czech Republic in terms of both quantity and thematic diversity – presents a host of new opportunities. As a result, Masaryk University and the South Moravian Region are able to provide the most talented students and research workers from the Czech Republic as well as from abroad with a place to start and develop their careers. This is also one of the reasons why the university carried out a fundamental restructuring of the personnel and wage system in 2008, adopting modern rules and regulations fully compliant

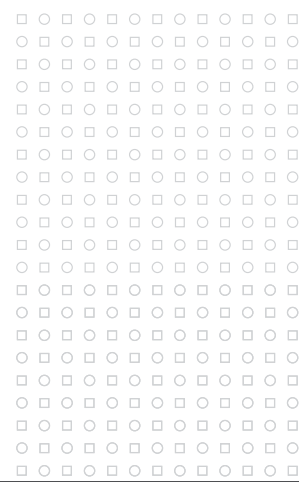
with international best practices aimed at supporting career advancement as well as both academic and non-academic staff remuneration and offering academic careers to experts who had proved their abilities in other professions.



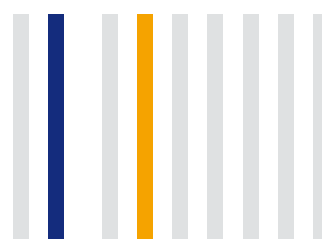
The state of the university on the eve of its 90th year of existence may fill us with pride, and rightly so. However, it is essential to realize that the results published in this annual report were influenced by many different factors. Apart from a great deal of enthusiasm and diligence on the part of university employees and students, a number of other elements were required: an appropriate strategy, effective management and administration and, last but not least, a relatively favourable environment and positive public reception. The development and perhaps even defence of these results might, nevertheless, constitute a formidable task to be addressed in the future.

Petr Fiala
Rector





About the University





The University in 2008



2008 was in many respects both a significant and demanding year; Masaryk University was confronted with crucial public policy developments in both higher education as well as in research. The year saw a number of reforms in research, development, and innovation commencing throughout the Czech Republic, while a debate regarding a new Higher Education Act begun with unprecedented intensity. Throughout this period, Masaryk University was able to rely on a clearly defined strategy, well-maintained academic activities and a relevant financial and administrative base.



The University in Numbers in 2008



Key Events in 2008



Recognition at Home and Abroad

◁ △ Academic Year Opening

All universities in the Czech Republic started the 2008/2009 academic year at Masaryk University. For the first time ever, the traditional opening of the academic year – attended by the highest state representatives – was held outside the capital city. As the first institution outside Prague, Masaryk University undertook the task of hosting the event. A total of 28 rectors and vice-rectors from across the Czech Republic took part.



◁ Governor General of Canada Visits MU

Masaryk University was the only institution of higher education visited by Michaëlle Jean, Governor General of Canada, on her state visit to the Czech Republic. A large number of students and teachers attended a panel discussion entitled "Canadian Cultural Diversity: Gender, Minorities and Public Life".

Meeting the European Commissioner

At a meeting with students from Brno universities, Jan Figel, the European Commissioner for Education, Training, Culture and Youth, presented an overview of the current issues in European integration. He also visited the new University Campus at Bohunice.



△ ▷ Polar Research Centre

A man wearing a dark blue beanie, sunglasses, and a red and black jacket is sitting outdoors. He is looking down at his hands, which are holding a small object. The background shows a snowy, rocky landscape under a clear blue sky.

A new non-text search method developed at the Faculty of Informatics is capable of processing over 50 million images in less than half a second. The innovative technology won the prestigious IBM Shared University Research award, Masaryk University thus became the first university in the Czech Republic to receive the international prize.

Archaeologists from the Department of History of the Faculty of Education unearthed what may well be one of the largest Great Moravian burial grounds in the Czech Republic. Thanks to the find, Hradiště svatého Hypolita near Znojmo now ranks among the most significant Great Moravian hill-forts such as Mikulčice, Pohansko or Staré Město u Uherského Hradiště.



▽ CEITEC Project

The CEITEC project has been registered as one of the best-prepared projects in the Czech Republic. The project aims to provide the best possible conditions and equipment for research in biotechnology, biomedicine and advanced materials, thus improving the competitive ability of the region – and consequently of the Czech Republic as a whole – within a European framework.



△ New Methods in Leukaemia Treatment

Scientists from the University Cell Immunotherapy Centre have successfully finalized their research into biological treatment, developing methods which minimize undesirable side-effects generally occurring after bone marrow cell transplantation.



Students and Academics



◁ Honorary Doctorates

The 10th anniversary of the founding of the Faculty of Social Studies was commemorated by awarding honorary doctorates to Joachim Jens Hesse, professor of comparative political science and European studies, and Stein Ringen, professor of sociology and social policy at Oxford. Both had greatly contributed to the faculty's founding.



◁ Student Saves a Life

Martina Krámerová, a student of the Faculty of Medicine, was awarded the Bronze Medal for helping to save the life of a young man hit by lightning. The first-rate first aid she carried out and organized contributed greatly to saving his life.



◀ Dies Academicus 2008

The traditional Dies Academicus event provided the Rector with an opportunity to award a total of three Gold Medals and sixteen Rector's Awards for Outstanding Creative Activity to scientists as well as figures of public and cultural life.



◀ Remembering the Velvet Revolution

Many students took active part in preparing a series of discussions featuring significant cultural, scientific and social figures, commemorating the 20th anniversary of the occurrences of November 1989. A discussion with former president of the Czech Republic, Václav Havel, launched the series, entitled "A New Dawn in the Czech Lands".



◀ Job Fair

JobChallenge, a job fair organized by the MU Career Centre, drew over 1,000 students coming from all of Brno's universities. A total of 40 exhibitors including many of the most significant domestic employers presented their job offers to prospective employees.

Student Radio

An innovative online radio channel – Radio R, Masaryk University's student radio – has commenced broadcasting. The channel bills itself as alternative, community-based and open to any and all interesting ideas and creative initiative.



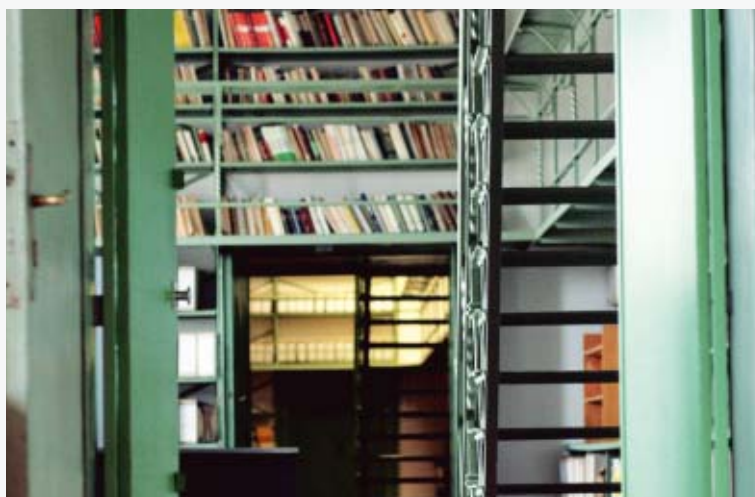


The University as Catalyst of City and Regional Development



▷ Moving the Masaryk University Archives

The Masaryk University Archives, a specialized unit within the Czech Republic public archives network, has been moved to the historical spaces – complete with listed and protected bookshelves – in the building of the South Moravian Regional Authority. Nearly two kilometres of archival materials were moved.



▷ Renovation of Existing Buildings

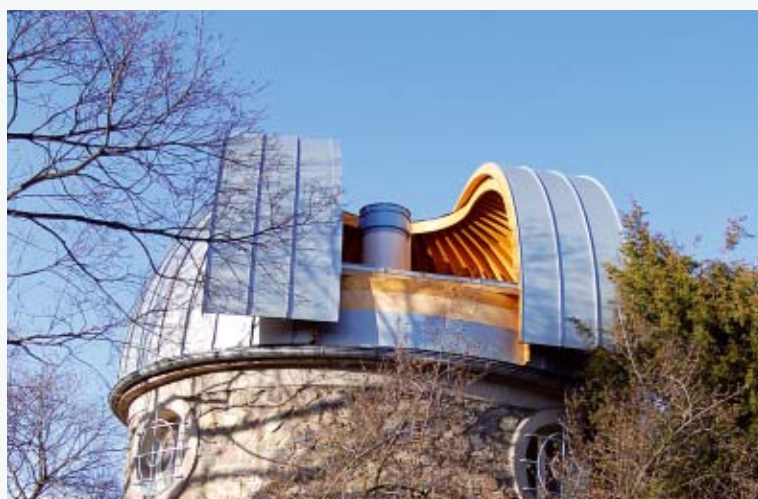
Renovation of the Faculty of Science building complex on Kotlářská Street, which is part of the monument zone of the city of Brno, was finalized. Thanks to the renovation, students and teachers now have a modern centre dedicated to the study of geology, geography, physics and mathematics. The complex also features a sculpture by Pavel Tasovský entitled "Ano".





◁ △ University Campus

Construction of several new buildings at the University Campus at Bohunice has begun. Nine buildings are scheduled to be built; the expected costs are currently ca. 1.4 billion CZK. A bronze sculpture by Vladimír Preclík entitled "The Flowering of Learning" now adorns the space outside the new information centre.



◁ Renovating the Masaryk University Observatory

The university-operated observatory at Kraví hora was also renovated. A new synchronous rotating system operating the dome as well as the telescope has turned the facility into a robotic observatory which may be controlled via an online interface from anywhere on the planet.





The University and Society

△ ▷ **New Exhibition at Mendel Museum**

Masaryk University has prepared a new permanent exhibition at the Mendel Museum, dedicated entirely to the legacy of Gregor Johann Mendel. The exhibition is scheduled to open parallel with the 90th anniversary of the founding of MU. The displays will be located in the historic spaces of the Old Brno Abbey and portray the father of genetics as a complex figure with interests ranging far beyond genetics and breeding.



◁ Teiresias Centre Gallery

The MU Support Centre for Students with Special Needs (Teiresias) has opened a gallery devoted to presenting the works of disabled artists as well as other talented students. The concept of the gallery was sparked by interest on the part of deaf and hearing impaired students looking for a space to present their own works of art.



◁ Choir Achievements

The Masaryk University Choir has proved itself successful at an international choir competition in Switzerland. Over 2,000 enthusiasts attended the closing concert of award-winning choirs.

□ Alumni Network

In preparation for the 90th anniversary of its founding, the university has addressed all of its graduates via the "In Search of 125,000 Masaryks" campaign. The MU Information System has launched a brand new application enabling graduates to search for former classmates and friends as well as providing information about events at their alma mater.



Studies



Keen interest in studies at Masaryk University is ample evidence of the fact that the public increasingly appreciates the study environment the university offers. Integrated and lucid study regulations as well as a great degree of openness, clarity and accessibility all characterize the university's approach to students.

The university is also in the process of developing a high-quality monitoring system, e.g. adding a pilot quality assessment mechanism evaluating individual fields of study to the existing infrastructure.



2.1. EDUCATIONAL ACTIVITIES QUALITY

Enhancing the University Nature of Education

Throughout 2008, Masaryk University remained faithful to its policy of **developing new degree programmes**, strengthening its research and development base and drawing more applicants. Study-related goals set out in the 2008 *Strategic Plan* updates may be said to have either been met already or are currently being implemented. During the course of 2008, Masaryk University launched several new degree programmes; new study fields as well as degree programmes were successfully accredited at the end of the year and will be available once the new academic year starts. Further study options are open to students via interfaculty



studies within the framework of existing programmes; individual faculties have also successfully accredited new study fields based on current demand and on the situation in the job market.

As usual, Masaryk University also offers a wide range of **lifelong learning** programmes. A doctoral degree programme focusing on the development of knowledge and skills necessary for carrying out managerial positions in public administration – MPA (Master of Public Administration) was added in 2008. The programme is a joint venture set up in collaboration with Nottingham Trent University in Great Britain. The Faculty of Law has thus added to its existing collaboration with the British university and as such is the first Czech institution to have received accreditation for the MPA programme. An international degree programme specializing in commercial law – LL.M., opened at the Faculty of Law in 2005, is also producing very satisfactory results.

Along with providing an ever-wider range of study opportunities, the university also focuses on various forms of **development activities**. During 2008, students of three MU faculties moved to the new University Campus at Bohunice, under development since 2004. The remaining students

have gradually started making use of the renovated buildings located in the downtown area, complete with e.g. a non-stop computer room. Apart from the campus, the only other constituent part of the university situated outside the Brno downtown area is University Centre Telč. Telč currently serves as a facility hosting many lifelong learning programmes, courses of the University of the Third Age and, last but not least, regular accredited degree programme lectures.

Masaryk University internal rules and regulations adhere to a **system recording the fulfilment of study requirements** by means of a credit system based on credit accumulation and other ECTS principles. In agreement with the European Curriculum, Masaryk University provides all of its graduates with a free bilingual Diploma Supplement outlining the content of a given degree programme and serving as an important source of information for the assessment and professional qualification recognition. The university has also carried through a fundamental revision of study plans, course credit values and a revision of the course catalogue. During the autumn 2008 semester, the Masaryk University website introduced an **English-language course catalogue** listing all degree programmes including course abstracts. Information in the catalogue is structured according to the recommendations made by the European Commission and its primary objectives are helping foreign students and improving student mobility.

All study-related operations as well as operations involving study results recording are administered via the unique **MU Information System**, which provides students as well as university employees with a convenient, safe and reliable tool for accurate data processing. While working on lifelong learning development, Masaryk University also launched an electronic Shopping Centre, a system offering a wide array of programmes, courses and various goods.

Development of Degree Programmes

Masaryk University places great emphasis on the internal evaluation of its educational activities in relation to the job market and current demand on the part of study applicants. A whole range of new **attractive fields of study** opened at Masaryk University in the 2008/2009 academic year is definite proof of this claim.

A new Bachelor's field of study, Radiology Assistant – a key non-medical field – was opened at the Faculty of Medicine. Other fields accredited for the upcoming academic year include the Medical Laboratory Technician, a combined Bachelor's field, and Gerontology Nursing, a Master's field of study. All of the above-mentioned fields fall under the Specializations in Health Science

degree programme. In the near future, the Faculty of Medicine plans to institute a new Master's field called Dietitian.

The Faculty of Science is also offering a brand new Bachelor's field in the 2008/2009 academic year: Chemoinformatics and Bioinformatics. The Faculty of Arts is now offering a Bachelor's degree programme in Japanese Studies while Comparative and Art Studies, Cultural Management Studies, and Upper Secondary School Teacher Training in Aesthetic Education are all scheduled to open as both full-time and combined Master's degree programmes.

Due to great interest, the Faculty of Social Studies opened Psychology as a single-subject Bachelor's programme for the first time as well as creating new interfaculty study options in partnership with the Faculty of Economics and Administration. The Faculty of Social Studies also added a new Master's field, Security and Strategic Studies, which falls under the Political Science degree programme.

The Faculty of Education is offering two new Bachelor's fields: Teacher Training in Special Pedagogy and Lower Secondary School Teacher Training in Christian Education. From 2008 onwards, Lower Secondary School Teacher Training in French Language and Lower Secondary and Language School Teacher Training in Russian Language will be available to students as Master's degree programmes.

Those interested in the relationship between law and finance might like to take up the new combined Bachelor's degree programme Law and Finance at the Faculty of Law; the faculty is also opening a specialized Bachelor's field of study called Senior Officer of Justice.

As part of a joint venture with the University Rennes in France, the Faculty of Economics and Administration is traditionally offering a Master's field of study entitled Administration Publique. Non-Profit-Making Organization Economy and Management has already been opened to applicants while the opening of Economic Policy and International Relations, a planned interfaculty field of study, is still being negotiated.

Even the youngest of Masaryk University's faculties are hardly behind in extending their offers: the Faculty of Informatics successfully accredited several new fields, among them Service Science, Management and Engineering – which falls under the English-language Master's degree programme Applied Informatics – and Informatics in Public Administration, a Bachelor's Applied Informatics degree programme. The Faculty of Sports Studies has opened Physical Education and Sport – Management in Sport as a combined field of study and is planning to start offering fields focusing on rescue and lifestyle management.

In the 2008 academic year, Masaryk University offered a total of **230 degree programmes and 1,171 study fields** at its nine faculties. A singular

Degree Programmes and Fields of Study:

Degree programmes:

- 77 Bachelor's degree programmes
- 31 Long-cycle Master's degree programmes
- 68 Master's degree programmes
- 54 Doctoral programmes

Fields of study:

- 328 at Bachelor's level
- 162 at Long-cycle Master's level
- 365 at Master's level
- 316 at Doctoral level

array of programmes is also on offer in the lifelong learning programme as well as at the University of the Third Age, whose field of study choice is one of the best in the Czech Republic. Masaryk University continues to offer a number of degree programmes taught in English.

In connection with implementing accredited degree programmes and in accordance with the Higher Education Act, Masaryk University also **provides foreign university education and qualification recognition**. In 2008, MU received 255 requests for foreign university education and qualification recognition in Bachelor's, Master's and doctoral degree programmes. The number of requests rose by 73% in comparison with 2007. In 23 of the above-mentioned cases MU was not authorized to make a decision and in a further 16 cases the process was suspended. A total of 147 certificates recognizing foreign university education and qualification were issued, 50 requests were rejected (in 24 of these applicants took advantage of their legal right to appeal to the Ministry of Education, Youth and Sports of the Czech Republic). A total of 18 cases had not been finalized by the end of 2008.

Graduates of Masaryk University in Brno, University of Jan Evangelista Purkyně in Brno, the Teacher Training College in Brno and the Teacher Training Institute in Brno and Jihlava who had completed their university studies prior to 1 July 1990, and whose academic titles had not been acknowledged, are issued – upon request to the MU Office for Studies – certificates granting the academic title of “magistr”. A total of 70 requests were filed in the 2008 calendar year.

Admission Procedures

Although vital statistics might suggest otherwise, the fact that the total number of applications submitted during the 2008/2009 academic year topped 65,000 and simultaneously all faculties experienced substantial growth in terms of student numbers indicate that Masaryk University remains **the most**

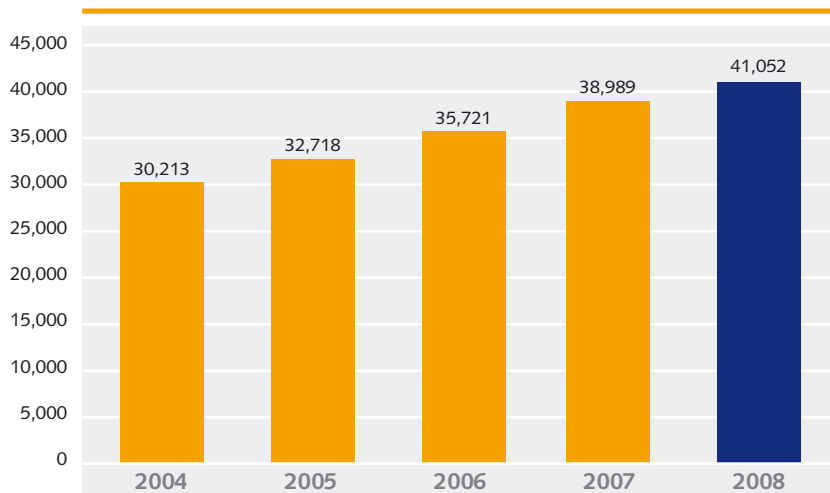
Learning Potential Test

The Learning Potential Test has become established as the traditional form of testing applicants' preparedness for studies at MU and is used as the entrance examination at all faculties except the Faculty of Medicine and the Faculty of Social Studies. Some faculties additionally require applicants to sit a test relevant to the given field of study. An online exercise application consisting of previous versions of the Learning Potential Test and a related discussion forum were launched in order to provide all applicants to Masaryk University with the same prospects. The 2008 Learning Potential Test consisted of seven subtests designed to evaluate specific mental features such as numerical skills (simplification of mathematic situations, the ability to operate quickly with numbers), analytical skills and judgement (searching graphs and tables, assessing logical conditions), symbolic skills, critical thinking (discovering argumentation errors in written expression, processing large amounts of data), logical and verbal thinking (vocabulary, reading comprehension, evaluating semantic differences in word meaning), spatial skills and cultural awareness. Each subtest consisted of 10 exercises, points were deducted for wrong answers. The time limit for the entire test was 90 minutes. The results of the test were presented in percentile form, allowing for correct and fair comparisons between individual applicants. The percentile value indicated the percentage of applicants who achieved worse results than a given student. Detailed results were communicated to the applicants online, they were even given the chance to inspect their scanned answer sheets.

sought-after educational institution in the Czech Republic while continuing to provide a high-quality study environment and offering a wide range of degree programmes. Due to the traditionally high interest among Slovak applicants, one round of the 2008 entrance examinations was held in Bratislava. The electronic application interface allowed applicants to select whether they would prefer to sit the entrance examinations in Brno or Bratislava. Since 2008, applicants have had the option of purchasing electronic applications via the online Shopping Centre. This is one of the many ways in which the

Over 41,000 students were being educated at Masaryk University in 2008, i.e. an increase of 5 % in comparison with the previous year.

Graph 1 Student numbers at MU



university strives to provide applicants with better and more efficient services.

A total of 56,621 applicants sat the entrance examinations for the academic year 2008/2009, 24,560 passed the exam and 19,745 were admitted. Of these, 17,412 enrolled in studies.

As of 31 October 2008 a total of 41,052 students were enrolled in regular studies at Masaryk University. Of these, 22,502 students were enrolled in Bachelor's, 15,261 in Master's and 3,289 in doctoral degree programmes. The number of foreign students stood at 4,449; the greater part of them from Slovakia. Slovak students accounted for 8 % of the total number of students at MU in 2008.

Masaryk University produced a total of 6,997 **graduates** in 2008: 3,642 in Bachelor's, 3,065 in Master's, and 290 in doctoral degree programmes. In comparison with the previous year, the total number of students graduating from Masaryk University rose by 9%.

Internationalization of Studies

Methodological and organizational responsibility for the internationalization process at Masaryk University lies with the **Office for International Studies**. The Office adheres to the university's Strategy of Internationalization, adopted in 2003. The Office for International Studies has a twofold task: coordinating activities within MU as well as representing the university, mapping new trends and participating in internationalization activities outside the university. Favourable achievements were accomplished in both areas during 2008.

Internationalization is most clearly reflected in **student and teacher mobility** within the framework of a wide array of programmes. Programmes organized by the European Union (most notably ERASMUS) and other European institutions (e.g. the EEA/Norwegian Financial Mechanisms – a programme established and financed by non-EU EEA countries) as well as programmes financed by the Czech Ministry of Education are among the most sought-after. However, smaller programmes are also popular: e.g. CEEPUS, Aktion, the International Visegrad Fund as well as the network of eight Central European universities MU is collaborating with on a long-term basis (Poznań, Wrocław, Pécs, Szeged, Vienna, Bratislava, Regensburg and Greifswald). Such programmes provide students with the opportunity to study or work abroad and allow teachers to lecture, do research and work on joint scientific projects. Periods spent abroad range from several weeks up to a whole academic year. All mobility programmes saw increased participation in 2008: over 1,000 students and 200 teachers travelled out to partner universities.

Over 300 foreign students visited MU during the two semesters of the 2008 calendar year; the number of visiting teachers was also higher than in previous years. Traditional study periods under the

heading of the ERASMUS programme also saw an increase in foreign student numbers; however, the increase was not as dramatic as in previous years, a trend visible throughout Europe.

The international character and renown of the university may be judged according to the number of international students enrolled in degree programmes at MU. The total number of such international students stood at 4,449 in 2008, i.e. 11 % of the student population at MU.

The number of **courses taught in English** (and to some extent in other languages) has increased at all MU faculties at Bachelor's and Master's levels in order to present international students with new opportunities and a wider range of courses. Around 180 such courses are currently offered to students each semester, i.e. a 20 % increase over the 2007 figure. In addition to this, the Faculty of Arts and the Faculty of Education offer over 600 courses in the 27 languages taught in the various language and culture-related degree programmes. All faculties also offer courses taught by international teachers, either those on exchange for a semester or a whole year or in the form of intensive courses taught by visiting professors. The number of such courses throughout the university is on the rise.

Newly established **degree programmes taught entirely in a foreign language** are an extremely significant factor contributing to the furthering of internationalization efforts. Such programmes are currently accredited and available at all faculties, either through Master's or – primarily – as part of doctoral degree programmes. The language of instruction in a great majority of these programmes is English, a few are taught in German or French.

In connection with the requirements of **presenting the university abroad**, Masaryk University has made significant steps towards creating a comprehensive scheme presenting its study offers. International materials have been improved and a new visual concept added. Furthermore, a variable presentation booth and two versions of a printed information booklet translated into English and Russian have also been developed. These materials have already been used to present MU at two European Higher Education Fair events (Philippines and Taiwan) and at two educational trade fairs in Russia (Moscow and St. Petersburg). Furthermore, the Utrecht Network-based project EXAMPLE allowed MU representatives to attend higher education trade fairs in China (Beijing and Shanghai). The university has also been represented at the traditional EAIE and NAFSA conferences and has itself organized the "Brno Universities" project at EAIE. The project is co-directed by Masaryk University in partnership with other institutions of higher education in Brno and funded by the City of Brno.

Substantial progress has also been achieved regarding the preparation of a framework facilitating a standardized, systematic and effective way of **cooperation with agencies** specializing in attracting international students into fee-based

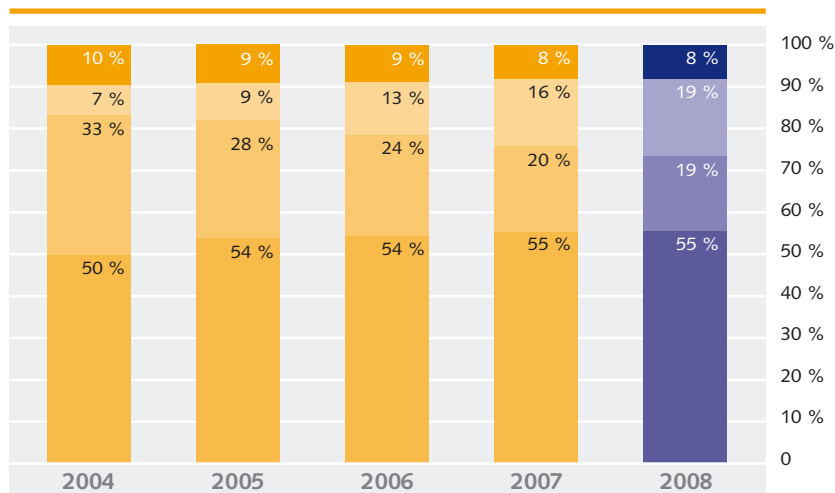
Mobility Facts

- New bilateral agreements have expanded Masaryk University's links beyond traditional areas. In accordance with the university's long-term strategy, a number of links to various areas have been strengthened, e.g. partnership with Western Balkan states (Universities of Belgrade, Zagreb and Zadar). Likewise, new links have been established: new partners have been found in Japan (Akita International and Shizuoka Universities), Hong Kong (Hong Kong Baptist) and Taiwan (National Chengchi). Among other things, Masaryk University also signed an agreement with the prestigious Brazilian University of São Paulo and became a founding member of the new European Commission-funded project University Centre for Euro-Mediterranean Studies in Portorož, Slovenia.
- A new Lifelong Learning Programme concept likewise features enhanced mobility opportunities.
- The first year of participation in "Placement Period Abroad", an ERASMUS sub-programme, may be considered a further success. In this respect, MU was the overall most successful Czech university in 2008. Most faculties now offer credits for work placements abroad.
- MU participation in the staff mobility ERASMUS sub-programme was likewise an important highlight: eight of the nine faculties took part as well as several other university institutes and units.
- The first batch of Jordanian and Syrian doctoral students and postdoc fellows visited Brno thanks to the Erasmus Mundus External Cooperation Windows programme; the FEA received teachers from Kyrgyzstan. Much like in the previous year, MU students left for Uzbekistan, Tajikistan, Kyrgyzstan, and Turkmenistan; Lebanon and Syria were available for the first time ever in 2008.
- A new mobility programme organized by the Ministry of Education, Youth and Sports now offers doctoral students the option of applying for financial aid when travelling to conferences abroad.
- Joint doctoral studies are becoming increasingly common at virtually all faculties and the first jointly supervised Master's diploma theses are currently being tested as well.
- The Office for International Studies has established a project team responsible for providing MU teachers with methodological and organizational counselling with the outlook of broadening the university's involvement in various complex programmes (e.g. thematic networks, TEMPUS, Erasmus Mundus, etc).

The ratios of students in Bachelor's, long-cycle Master's and Master's degree programmes have undergone restructuring in accordance with the Bologna Declaration.

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

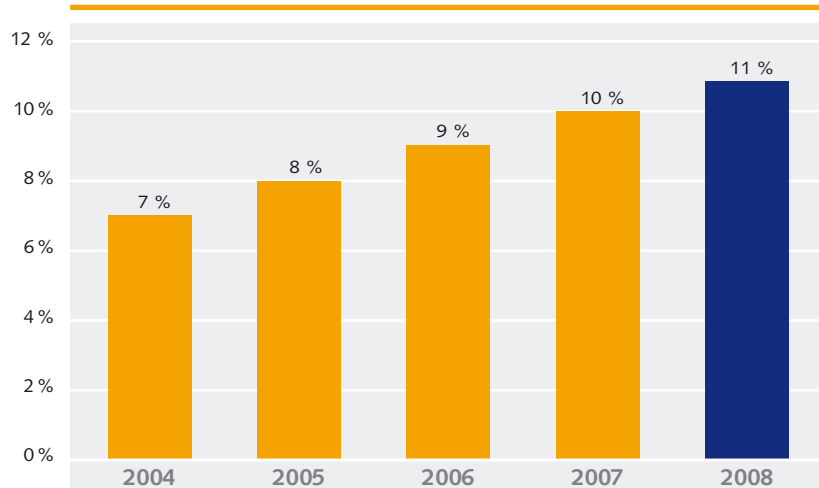
Graph 2 Student structure according to degree programmes





The growing internationalization of the university can be documented by the increasing number of international students. While there were only 1,643 foreign students in 2003, the figure grew to 4,449 in 2008. The total number of international students is 15 % higher than in 2007.

Graph 3 International students at MU



degree programmes. Communication with potential international students has likewise been improved. A new database as well as a unified e-mail address have been set up and a standardized answer sheet now ensures regular and effective communication with new contacts acquired at international events. International presentation also has a new tool at its disposal: an English-language DVD and a university TV spot.

Language Skills Support

The Masaryk University Language Centre plays a key role in developing students' language skills, an important point in the *MU Strategic Plan*. The university-wide unit provides students of all faculties with LSP (language for special purposes) and academic language instruction; English, German, Russian, Spanish, French, Latin and Czech for foreigners are all taught on a regular basis. Since 2008, all MU students have been subjected to a comprehensive language competence exam in a foreign language.

In 2008 the Language Centre specifically focused on improving **doctoral students' language capabilities**. Doctoral students at all faculties were offered courses in academic writing and given the opportunity to discuss their work in an authentic international environment – by means of a videoconference – with professionals from foreign universities and publishing houses: Aberystwyth University, University of Birmingham, and Routledge publishing house in Great Britain and Universidad Jaume I in Spain. A great number of doctoral students took part even though the course

requirements were rather stringent and great emphasis was placed on individual creativity and communication. Among other things, most students praised the dynamic and authentic instruction context. New connections with the University of Vienna were established within the framework of doctoral students' language training.

The implementation of the INVITE project provided doctoral as well undergraduate students with the opportunity to communicate internationally by means of videoconferencing within the Leonardo da Vinci programme. The MU Language Centre has been in charge of the project since 2006.

Teachers at the MU Language Centre have been producing **e-learning language courses** for several years; such language support courses are relevant to fields taught at all faculties. Specialized LSP instruction materials have thus been developed and are currently in use at the Faculties of Economics and Administration, Medicine, Law, Science, etc. A new Oral Presentations CD was finalized in 2008 and is now being used – mostly by students of the combined studies programmes – for practicing presentation skills.

Lifelong Learning

The 2008 calendar year saw the continued rise of lifelong learning at Masaryk University: the number of students rose by nearly 7%. All nine faculties as well as the Rector's Office successfully implemented 458 lifelong learning programmes; a record-breaking 19,810 students took part in full-time, distance and combined studies. 429 of these programmes were professionally focused and attracted 17,687 students. The Faculty of Medicine drew the highest number of students: 13,170.

All faculties now have the option of utilizing the online MU Information System-based **Shopping Centre**, which should create new opportunities for progress. The online Shopping Centre allows the general public, i.e. people of all ages and professions, to purchase a wide range of educational programmes electronically.

Lifelong learning at MU focuses primarily on professionally-oriented programmes; the university also strives to create connections with corporate institutions which would then allow their employees to continue the educational process. The lifelong learning of professional groups (e.g. teachers, public administration officials) also plays an important part.

2.2. THE QUALITY OF ACADEMIC LIFE

Scholarship Policy and Support for Talented Students

Students with no permanent address in the city of Brno receive **accommodation grants**. In order to be eligible for the grant, applicants must be enrolled in their first university degree programme at a Czech higher education institution and must not exceed the standard length of studies. In order to determine a student's eligibility for the accommodation grant, the Masaryk University Scholarship and Bursary Regulations incorporate a number of regulations stipulated by the Ministry of Education, Youth and Sports of the Czech Republic. The ministry refers to the same regulations when distributing funds for accommodation support grants to state universities. The grants are disbursed twice a year: for each half of the calendar year.

A total of 14,228 students received an accommodation grant of 3,500 CZK during the first half of the year (i.e. an amount of 49,798,000 CZK was disbursed) while in the second half of the year 15,305 students were awarded grants of 3,530 CZK each (i.e. 54,026,650 CZK in total). Roughly 50% of applicants – MU students enrolled in full-time studies – met the conditions for receiving an accommodation grant. During the spring and autumn semesters, 31 and 45 students respectively applied for an exception from fulfilling the conditions; 85% of them were successful. A great majority of these were students of the Support Centre for Students with Special Needs or students who had proved that information regarding their studies had been inaccurately listed in the national register of studies. In 2008 Masaryk University disbursed a total of 103,824,650 CZK in accommodation grants to eligible applicants.

Throughout 2008, Masaryk University likewise continued to pay out **bursaries for students in difficult social conditions**; according to the Higher Education Act, the Rector is responsible for decisions relevant to such bursaries. The bursary applies to ten months of the calendar year and amounts to a legally stipulated monthly sum of 1,620 CZK. Such students as choose to apply for the bursary do so electronically via the MU Information System; however, they must also supply a written certificate which unequivocally proves that their income does not exceed 1.5 times the subsistence minimum – as determined by a relevant authority in connection with child benefits. Students must also be studying a degree programme not exceeding the standard length of studies. A total amount of 7,819,740 CZK was disbursed among ca. 500 eligible applicants during the 2008 calendar year.

Masaryk University strives to provide students with an accurate and transparent process of determining **study-related fees**. A total of 3,970 study-related fees were determined in 2008. In 2,267 of

these cases, the deans of the appropriate faculties received appeals to revise the fees. In 35 cases the decision was either revoked or revised in a first-instance ruling, the remaining decisions were upheld by the Rector. Under the provisions of the Higher Education Act, a study-related fee may



be either waived, reduced, or its maturity postponed. In 2008, fees were waived in 504 cases and a further 1,267 students received reduced rates. A reduced rate was generally applied with respect to difficult social or health conditions or – on the other hand – excellent study results. The obligation to pay the amount in full was preserved in all remaining cases.

Masaryk University also strives for long-term **support of talented students**. The MU Scholarship and Bursary Regulations distinguish five basic types of grants (doctoral grants, grants for creative activities, accommodation grants, mobility grants and special grants), all of which are used to motivate and support excellent students. Individual faculties may also implement their own grant programme system. A total of 56 faculty grant programmes were instituted in 2008. Most of these were programmes designed to support students with excellent study results. Masaryk University disbursed a total of 4,536,400 CZK in grant programmes supporting students with excellent study results. An additional amount of 14,362,124 CZK was paid out in grant programmes supporting creative student activities. The Rector's Awards for Outstanding Students at MU should be mentioned as well.

Evaluating Education Quality at MU

In addition to regular degree programme accreditation and re-accreditation, i.e. external evaluation mechanisms, Masaryk University also employs a number of internal mechanisms for monitoring and ensuring high-quality education. The

Student Awards in 2008

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

- **MUDr. Renata Foralová**
Student of General Medicine Master's degree programme at the Faculty of Medicine
- **Ladislav Vyhnaněk**
Student of Law and Legal Science Master's degree programme at the Faculty of Law
- **Bc. Marian Buchlovič**
Student of Chemistry Master's degree programme at the Faculty of Science
- **Bc. Jiří Kůr**
Student of the Informatics Master's degree programme at the Faculty of Informatics

Rector's Awards for Outstanding Achievements in Sports:

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

Results of Sociological Surveys Carried out in 2008

- **One half of all fresh Masaryk University graduates had been working even before leaving university.** One-third of all fresh graduates either did not have a job or were not looking for one at the time of the spring 2008 state examinations. The remaining 19 % are either planning to continue their studies in a doctoral degree programme, going abroad, or planning to participate in further university education.
- Of those graduates who had already **considered looking for work**, roughly only every fifth graduate considered the process very or somewhat difficult. In looking for a job, graduates relied primarily on their own efforts (60 %); every sixth graduate had received a direct offer from a prospective employer.
- **The average starting salary** for MU graduates is currently 19,400 CZK. There are major differences between individual faculties. Graduates of the Faculty of Informatics and the Faculty of Economics and Administration receive the highest salaries, while graduating from the Faculty of Medicine or the Faculty of Education generally warrants a low starting salary. This is greatly influenced by the fact that more students graduating from the two former faculties usually head for the private sector, virtually a guarantee of comparatively higher salaries than are available in the public sector.
- Research opportunities as well as gaining potential competitive advantages in non-academic work are the most important aspects **motivating students to enrol in doctoral degree programmes**. The scientific sector (both academic and non-academic) is the most popular employment sector with doctoral studies graduates; 63 % would like to remain at the university.
- Roughly 50 % of all doctoral degree students (full-time and combined) are **members of research teams**. One half of all doctoral students actively participating in research are members of research teams at MU, the other half take part in projects outside the university. Roughly 40 % of all respondents have experience with planning research projects and applying for grants.

Strategy and Development Office of the Rector's Office is responsible for the methodology behind such evaluation and works in close cooperation with other university offices and faculty units. Recommendations included in the *Standards and Guidelines for Quality Assurance in European Higher Education Area* also contribute to the developing of internal evaluation procedures.

Furthermore, **evaluation by students and graduates** themselves forms another integral part of the quality monitoring system. In recent years Masaryk University has successfully employed a complex system of sociological surveys which focuses on several target groups and covers the entire educational process "from applicant to graduate". While students are asked to evaluate teaching quality at the end of each semester, graduates also participate in periodic evaluations, e.g. the "Recent Graduate Survey" (1,081 questionnaires were returned in 2008) and the "Graduate Destination Survey", both of which provide information about long-term trends in graduates' satisfaction concerning the education they received as well as their current positions in the job market. **Doctoral students – participating in similar surveys for the first time in 2008 – were asked to reflect on motivation to continue studying and on their participation in science and research. A similar survey among current high-school graduates focused on the decision-making process involved in choosing a university.**

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

A newly developed **pilot project focusing on the evaluation of selected fields of study** was carried out in 2008 and as such is to serve as the first step towards establishing university-wide mechanisms periodically evaluating the quality of individual fields with the aid of outside consultants. Self-evaluating reports submitted by representatives of selected fields were assessed by students and graduates of the given field as well as employers and academics. Educational goals in the evaluated fields were explicitly set out based on graduate profiling and the so-called learning outcomes.

Faculty Advisory Services

- The Faculty of Science organized **preparatory courses in mathematics for newly enrolled first-year students**. The courses provided students with information about the type of work expected of them as well as introducing the contents of common lectures; 129 students took part in two sessions.
- The Faculty of Sports Studies-run **Nutrition Advisory Centre** continued counselling on diet-related, educational and psychomotor therapy issues; 750 students took part during the year.
- The Faculty of Education runs the **Advisory Centre for Students of Teacher Training Programmes** and the **Advisory Centre for Parents on Legal Issues**; the centre provides lectures (154 attendees) as well as individual consulting.

Further mechanisms for quality monitoring include various **strategic administration and planning processes**. Simultaneously with passing the *2006–2010 MU Strategic Plan*, Masaryk University also implemented a standard faculty-level planning process. The implementation of the faculty strategic plans continued to be the subject of regular evaluation sessions co-attended by university and faculty representatives throughout 2008.

Developments in University Counselling

The Student Advisory Centre, a constituent part of the Office for Studies at the Rector's Office, focuses on providing students as well as alumni with psychological, study-related and career help. Both individual and group forms of psychological counselling were offered; a total of 296 students attended ten group sessions held during the course of the year. Student counsellors provided help regardless of year, field of study or faculty, answering questions concerning procedural study-related issues. A total of 279 cases were dealt with and four presentations, attended by 238 students, took place. Career counselling included practicing activities focusing on developing soft skills necessary for successful participation in the job market. 304 students took part in a total of 27 courses. Freshly enrolled first-year students were given the opportunity to participate in "Freshmen Days", a two-day introductory meeting; the goal of the meeting was to present the fields of study, faculties and the Information System as well as introducing first-year students to the city of Brno and their future classmates. A total of 31 two-day

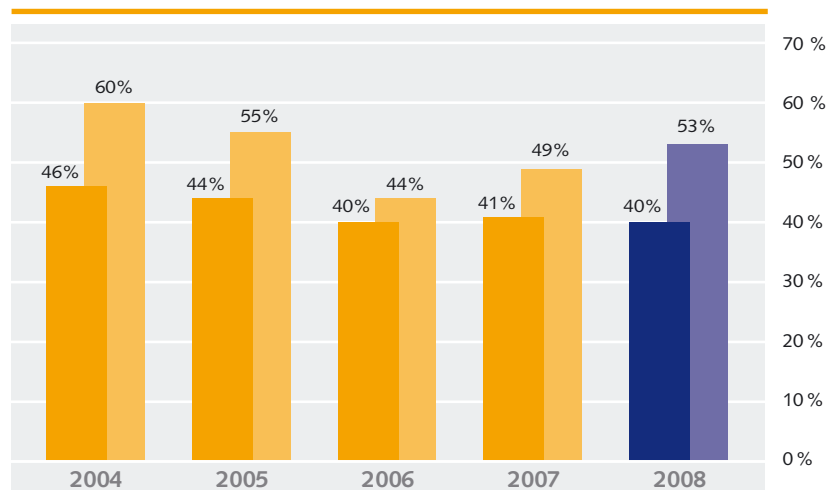
meetings, all in all attended by 639 students, took place. The programme was organized by 36 senior MU students. Fun and games afternoons – games and contests for students – were another related undertaking; 212 students took part in nine sessions.

The Masaryk University Career Centre was established on 1 January 2008. On solving the initial question of staffing the new unit, a development concept was presented and approved by university management. The new centre will henceforth focus on strengthening ties between students and prospective employers, especially once graduates leave the university and enter the job market.

In other words, the Career Centre is to function as a university-wide employment agency unit. A future undertaking perfecting the integrated concept of university counselling – providing a complex counselling and information student service – is planned in connection with the *2006–2010 MU Strategic Plan* or, more specifically, its 2008 Update.

Most activities in the second half of the year revolved around employer presentations focusing on successful integration in the job market and workshops centred on questions of career developments and areas of soft skills development: presentation, organization and communication skills, CV writing and time planning.

Graph 4 Course opinion poll rate of return



A total of 13,331 respondents (i.e. 40 % of all MU students) filled out the course opinion poll in the spring 2008 semester while 20,865 students (i.e. 53 %) responded in the autumn semester; the rate of return in this semester is traditionally higher.

■ spring semester
■ autumn semester



The most significant event organized by the Career Centre was the **JobChallenge** trade fair which took place on 11 November 2008 at the Faculty of Economics and Administration. The trade fair was specifically designed to create and develop ties between employers and MU students and graduates. Students not only received information about companies in the corporate sector, but also had the opportunity to approach their future employers directly. Over one thousand students and 38 companies from the entire Czech Republic took part.

Apart from the usual means of disseminating information via the MU Information System, the trade fair was also advertised by means of a promotional campaign in Brno City Public Transport vehicles and on billboards around the city of Brno. A survey among visitors indicated that both the trade fair organization itself as well as its potential career impact may be considered a success. Information about the Masaryk University job fair is available at <http://www.jobchallenge.muni.cz>.

Student Services

There are ten MU halls of residence spread around Brno. The total accommodation capacity is 4,301. The criteria for allocating residences to students remained the same as in previous years: 1,500 places were reserved for students enrolled in full-time degree programmes at MU for the first time, the rest was allocated according to a given student's distance from home, social and health conditions and study results. A total of 6,928 applications were submitted during the course of the year, 4,557 of them were accepted. International students were allocated 612 places. A total of 1,959 international students were living in MU residences at the end of 2008.

An electronic system facilitating communication between students and the Accommodation and Catering Services is being perfected in collaboration with the Institute of Computer Science and the Rector's Office; new cash deposit

machines enabling students to deposit money directly to their SUPO accounts were installed at Vinařská, Kounicova and bří Žůrků residences. All residences are connected to the internet via a student residence network.

A number of places are left unallocated: 244 places are available for accommodating e.g. the attendees of international exchange programmes, etc. Of these, 54 places are reserved for international lecturers and visiting professors. Other accommodation-related commercial activities during the course of the academic year are directly proportionate to the number of unallocated places.

Student and staff **catering** is provided for by the catering service, which operates three university canteens, eight cafeterias and one café. A new piz-

MU Halls of Residence

- Vinařská – 1,115 places
- Tvrdého – 358 places
- Kounicova – 580 places
- Mánesova – 346 places
- Klácelova – 313 places
- nám. Míru – 249 places
- Veveří – 70 places
- Komárov I. – 479 places
- Komárov II. – 432 places
- Komárov III. – 177 places

zeria was opened at the Kounicova residence at the beginning of the 2008/2009 academic year. The overall combined capacity is over 6,000 hot meals per day. The offer is based on menus which consist of 9 set lunches, 3 set dinners and 16 kinds of a la carte meals. The menu is balanced and varied: vegetarian as well as meaty dishes, low-energy as well as international cuisine – Chinese, Italian, Mexican and Greek dishes are all on offer.

In comparison with the previous year, set meal demand in canteens has increased by almost 20%, largely due to a greater interest on the part of students as well as to a greater number of outsiders taking advantage of university catering. The Accommodation and Catering Service Catering Committee was established due to student appeals; negotiation results are presented on the Accommodation and Catering Service website and in university discussion forum threads.

Related activities such as providing a wide range of complementary products and catering services at the university as well as offering these services to outside institutions have also been very successful.

2.3. PROGRESS IN UNIVERSITY EDUCATION AS A PUBLIC SERVICE

Improving Disadvantaged Groups' Access to University Education

The Support Centre for Students with Special Needs is responsible for disabled students at all faculties and university units. In comparison with similar units at other Czech universities, the range of activities at the MU-operated facility is quite unique. This is naturally connected to the great deal of attention Masaryk University devotes to providing everyone with equal study opportunities. It was in fact the first Czech university to start considering the presence of persons with special needs – students as well as teachers – a natural and permanent goal, to be reached by both legislative and technological means. According to



the Rector's Directive, it is the university, not the student, who is responsible for access to information in non-standard communication cases as well as for the adaptation of educational methods.

Since 2000, Masaryk University has been organizing entrance examinations for disabled students in such a way that – with the help of relevant information technology as well as alternative communication and perception methods – the students in question are able to take part in a standard written entrance examination. A total of 302 severely disabled persons (i.e. persons with limited work ability or holders of disability certificates) who wished to sit the entrance examination using a special form of communication applied for studies at Masaryk University in the 2008/2009 academic year. About one tenth of them registered for preparatory courses organized by the Support Centre for Students with Special Needs.

In the 2008/2009 academic year there were 104 students at Masaryk University with no or impaired vision (compared to 91 in the previous year). The current size of the group has reached its maximum: the number of visually impaired students at MU now corresponds to the

percentage of such persons in the general population of the Czech Republic or is even higher at some faculties thanks to specific technical and organizational features. Apart from offering educational and psychological counselling, the Support Centre for Students with Special Needs focuses primarily on organizing individually focused semester courses in specialized lecture rooms as well as practicing specific technological skills, providing personal assistance and help with spatial orientation. University libraries house over 1,000 volumes in Braille available to all visually impaired students in the Czech Republic, the number of books converted and available in electronic format is at least three times higher. In 2008 Masaryk University issued over 50,000 pages printed in Braille intended either for visually impaired students at other universities or at secondary schools. Equipping study rooms with the necessary technical equipment was another prerequisite facilitating the development of new lifelong learning activities for visually impaired persons.

In the 2007/2008 academic year the number of Masaryk University students with impaired hearing rose to 90 (from 76 in the previous year). Though the existing figures greatly exceed the regular state of affairs, such a significant increase indicates that unlike in the case of visually impaired students, the demand regarding this social group has yet to be satisfied. This is yet another area where Masaryk University holds the leading position in the Czech Republic: all faculties

An Integrated Environment for Students with Special Needs

Masaryk University has gradually created an integrated environment for students with special needs. Some of the highlights include: integrated organization and study regulations, a systematic and fully electronic study agenda, a specialized workplace equipped with cutting-edge technology, etc. Competences have been clearly distributed throughout the university and a system of personal assistants, digitalization employees, tutors, lecturers and sign interpreters instituted. Furthermore, a nation-wide electronic library of specialized literature is now fully accessible to the visually impaired. An entirely new standard has been set for disabled students: the university complex for disabled students offers a total of 55 computer workstations in either computer labs or reading rooms with round-the-clock service. General access to all assistive software for disabled persons commonly distributed on the Czech market is provided; further options include accessible publishing activities (e.g. images and maps) and a recording video studio for recording documents in Czech sign language. The number of disabled persons among MU students and employees correlates with the equipment available – the technical means form the basic premise for performing work-related tasks with standard efficiency. As of 2008 there were four blind or visually impaired persons, six deaf or hearing impaired persons and one physically impaired person among teachers and university staff.

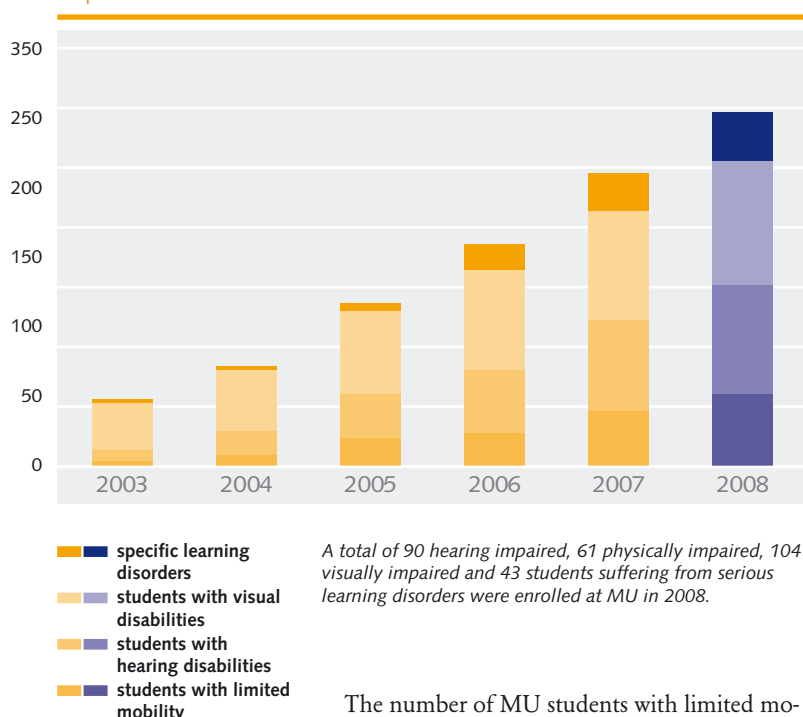


facilitate studies in Czech sign language. In order to meet the provisions of Act No. 155/1998 Coll. which grants persons with impaired hearing the right to use sign language and the right to education in sign language, Masaryk University currently employs five in-house and 15 part-time sign language interpreters responsible for providing sign language interpreting assistance, a service unparalleled at other universities. As a direct result of this arrangement, hearing impaired students are now fully integrated in numerous fields of study at most faculties rather than their choices being restricted to a handful of selected specializations. They are also offered special Czech and English courses regardless of their field of study.

the Visually and Hearing Impaired, Dance for the Visually and Hearing impaired, The Halliwick Method of Swimming, etc). A summer training course complete with a hike to the summit of Mt. Olympus attended by ten visually impaired and ten hearing impaired students may be considered the culmination of such activities. Disabled students have also displayed some interest in international mobility programmes: two ERASMUS exchange programmes involving a severely disabled person were directly organized by Masaryk University.

Since 2004, in partnership with the Prison Service of the Czech Republic, Masaryk University has been offering access to university education to convicts. E-learning as well as actual lecture rooms inside Prison Service facilities have enabled

Graph 5 Disabled students at MU



A total of 90 hearing impaired, 61 physically impaired, 104 visually impaired and 43 students suffering from serious learning disorders were enrolled at MU in 2008.

The number of MU students with limited mobility in the 2007/2008 academic year increased from 48 to 61, i.e. an increase of 25%. This is largely due to better access to facilities, now including even old university buildings. As an extra service, the university finances parking spaces for the disabled, allowing students and teachers with limited mobility to park their vehicles on public premises close to university facilities.

The number of persons suffering from serious learning disabilities is on the rise. A total of 43 potential students applied for studies at Masaryk University on account of a diagnosed learning disorder (most commonly dyslexia); a comparison with the situation across European countries shows that this number is likely to grow in the near future.

Students with serious sensory disabilities are granted entry into compulsory sports activities as well as a selection of tailored sports courses (Football for the Visually Impaired, Climbing for



18 convicts to take part in MU educational programmes. The current offer of fields administered by the Faculty of Economics and Administration may be extended in the future; negotiations with the Prison Service board of directors are under way.



Regional Educational Activities Development Support

The University Centre Telč (UCT) provides study-related and educational opportunities in the Vysočina Region, offering degree programmes and educational courses under the lifelong learning programme and attempting to meet the region's educational demand by organizing seminars, conferences and summer courses.

In collaboration with the Faculty of Economics and Administration, the UCT has successfully implemented several Bachelor's combined fields of study in 2008: Management, Regional Development and Administration, Financial Management and Public Economy and Administration. These fields were supplemented by the History of Arts and Visual Culture, a lifelong learning programme administered by the University of the Third Age.

Development of Lifelong Learning Programmes

The University of the Third Age is well established at Masaryk University; indeed, both the number of students and the number of educational programmes on offer have experienced significant growth in the 2008 calendar year. Teaching at the University of the Third Age in Brno and in Telč was carried out in six interlinked courses; a total of 1,770 seniors commenced studies in the 2008/2009 academic year. Additional thematically focused short-term courses, lectures and field trips were organized outside of the regular programme.

Among other benefits, students of the University of the Third Age have a study room and **computer lab** at their disposal free of charge. The facility is located in the basement of the Faculty of Social Studies building and is fully accessible to disabled persons. Seniors have access to four computers complete with an Internet connection as well as scholarly journals, and may borrow supplementary reading materials, books,

Key UCT Events in 2008:

- **Language Education:** The fifth annual run of summer intensive courses in French and English took place thanks to collaboration between the French-Czech Academy of Music in Telč and the MU Language Centre. The courses were offered to secondary school and university students as well as the general public. As in previous years, the course was attended by the employees of the Ministry of the Interior of the Czech Republic and the Government Section for the Czech Presidency.
- **International "Arts & Film" Festival:** In June 2008, the UCT co-organized the fourth annual "Arts & Film", an international festival focusing on art-related films. Guests of honour included directors Vojtěch Jasný and Ivan Passer. To a great extent, the expert aspects of the festival were prepared as well as executed by PhDr. Jiří Voráč, Ph.D., head of the Department of Film and Audio Visual Culture at the Faculty of Arts. Many of the films screened at the festival as well as some of the seminars and discussions took place in the UCT lecture hall.
- **Refurbishing the UCT Building:** Preliminary work on the CZ 0106 project "Telč – Refurbishing the Former Jesuit Complex – Central European Cultural Heritage Centre" carried out under the auspices of the second EEA/Norwegian Financial Mechanisms appeal continued in spite of unfavourable economic developments in the Czech Republic. On 17 December 2008, MU management was informed of the final decision made by the Financial Mechanism Office granting Masaryk University the necessary funds for the UCT complex renovation.
- **Partnership:** In the second half of 2007, the city of Telč accepted the principles of the Lisbon Strategy and outlined the basic framework of a new project within the Integrated Operational Programme: Telč – A Living Textbook of Culture, History and Education. In partnership with the MU-run UCT, the project focuses on the integration and active utilization of UNESCO monuments for the development of educational, cultural and social activities.



encyclopaedias, dictionaries and reference books about a variety of topics. Students of the University of the Third Age are also granted access to a computer lab at the Faculty of Education. The lab (15 computers) may be used for individual work as well as providing a facility for computer skills courses.



Research



Developing research capacity throughout 2008 as well as finalizing strategic project preparation for the upcoming period are both significant steps towards making the region the most attractive and innovative research environment in Central Europe. Excellence in research activity ranges from the natural sciences and medical fields to social sciences and the humanities; in geographical terms, research excellence reaches all the way to Antarctica where MU operates – surely as one of the few universities in the world – its very own research station.

3.1. A RESEARCH UNIVERSITY

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

Obtaining effective research results as well as reaching a level enabling the university to compete in a European research context on a regular basis are both high-priority areas as set out in the *Strategic Plan of Educational, Scientific, Research, Development, Artistic and Other Activities at MU in the Period 2006–2010* and its annual updates. A concept **supporting team research as well as project research** is in full compliance with such objectives: high-quality group as well as individual

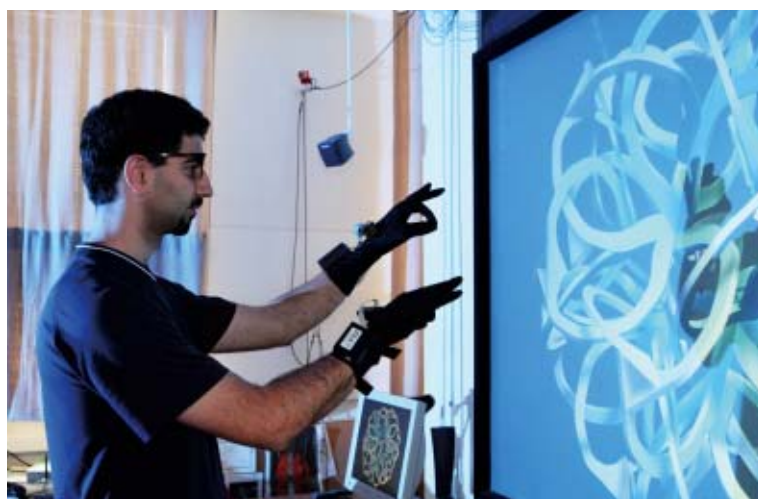
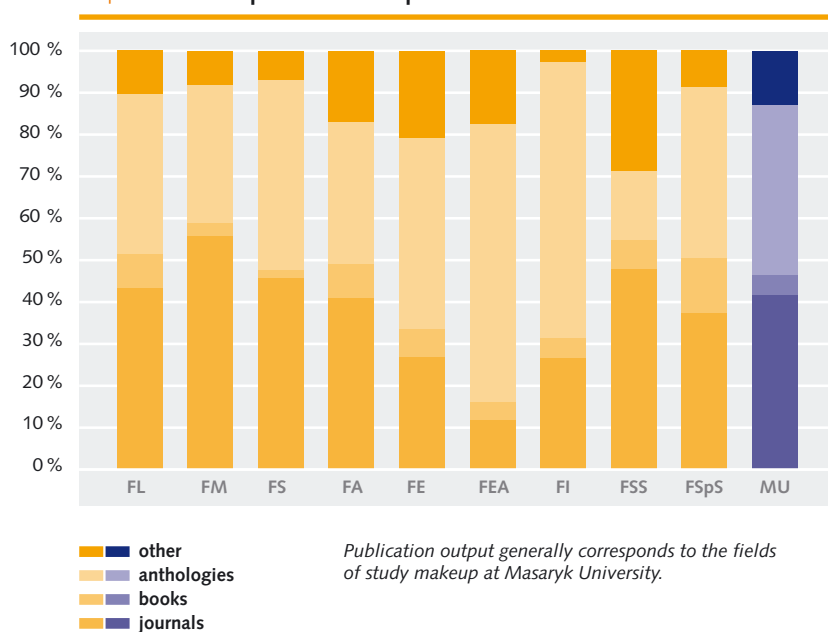
research receives an appropriate amount of support while internal mechanisms are then utilized for a systematic evaluation of the actual research results. The university has been taking steps towards systematically fulfilling this approach, e.g. assessing large team projects within the MU internal evaluation programme by means of internal financial audits as well as calling upon external evaluators to assess their content; Masaryk University has also been considering establishing a research evaluation methodology of its own. Internal evaluation carried out by external evaluators falls under the strategic preparation of large-scale projects, especially within the framework of operational programmes and as such has been already successfully implemented in 2008.

The work of teams, groups and individuals focuses on both primary research – the principal research area at every high-quality university with competitive aspirations – and applied research, especially in terms of long-term research trends. Industrial research focusing on specific issues of European concern (e.g. security and defence research) constitutes another area of interest. Team research is becoming increasingly effective thanks to the fact that research units based at the Faculties of Science, Medicine and Sports Studies are all now located at the University Campus at Bohunice, facilitating joint research in e.g. biomedicine.

Outstanding **results** achieved by participants of long-term research plans, research centres, and primary research centres alike are a clear indication of the high quality of team research at Masaryk University. The university houses a total of 18 teams participating in long-term research plans begun in 2005 and a further four started in 2007 as well as five research centres and 17 primary research centres (17 of the 22 list Masaryk University as the principal recipient). The university concept of team-based research and development may be seen as a successful one; long-term research project interim assessment carried out by providers has confirmed the quality of Masaryk University research teams as well as a generally high level of primary research at Czech universities.

In addition to quality assessment carried out with the help of internal evaluation processes, **recording publication output** is also part of the assessment of research units' results. Publication output corresponds to the fields of study makeup found at Masaryk University. International impact of ca. 20% corresponds to the focus and publishing characteristics of individual fields. There has been little change in comparison with 2007: international impact remains highest in the sciences and informatics. In order to present a rough idea regarding publication output, publication effectiveness is defined as the number of publications per academic worker. All submitted publication output has been assessed therein, regardless of

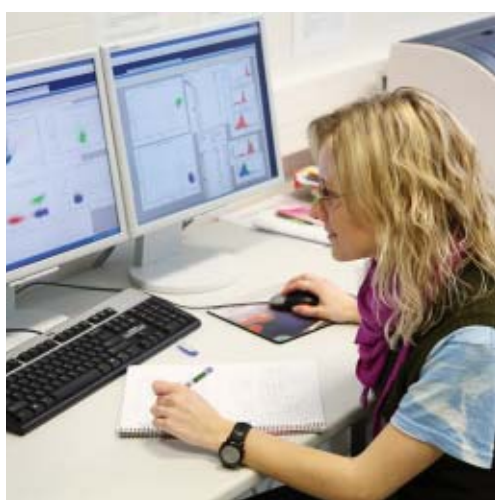
Graph 6 Research publication output



a given publication's evaluation under the Methodology 2008 programme.

Collaboration with partner institutions is being strengthened by teams working at primary research centres. Of the total of 17 at Masaryk University, six primary research centre teams were set up in 2005 and a further 11 in 2006; the university itself is in charge of a total of 10. Applied research is being carried out by five research centre teams (two starting work in 2005 and three in 2006); MU is in charge of two of these. Virtually all faculties are involved in long-term research plans as well as both types of research centres. A comprehensive overview of long-term research plans as well as centres coordinated by MU can be found in the appendix.

The very fact that virtually all fields of study



found at MU including the humanities and social sciences are currently participating in a corresponding **large-scale research project**, i.e. are either involved in long-term research plans or connected to a research centre, is an indication of the stability, high quality and balanced nature of research activities at MU. Team research is naturally supported within standard grant-supported projects: research carried out at Masaryk University in 2008 comprised a total of 196 grants assigned by the Czech Science Foundation. The grants included e.g. the following: projects supporting research carried out by doctoral students (doctoral grants) as well as those who have acquired their Ph.D. (postdoctoral grants), 51 projects administered by the Grant Agency of AS CR and the Academy of Sciences of the Czech Republic itself, 131 projects in ministry-funded research programmes and 24 international collaboration projects of the Ministry of Education, Youth and Sports.

Unique Units and Facilities

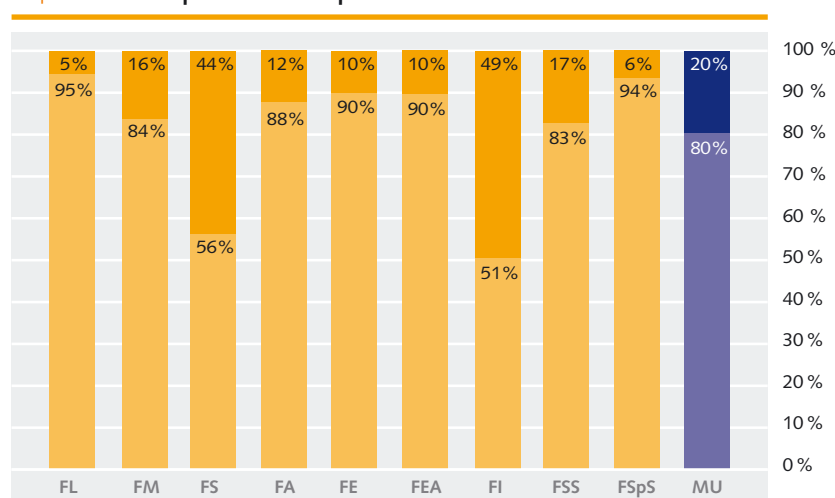
One of the principal objectives Masaryk University set out in 2005 and started achieving from 2007 on is taking full advantage of all available research

and development capacity, resulting among other things in the strengthening of effective property and finance management. A well-prepared plan for sharing laboratories, instruments and other equipment facilitates the best possible integration policy regarding the use of research infrastructure and especially unique laboratory equipment. The university boasts a number of unique units and facilities. Integration in terms of laboratory sharing has been implemented mainly in the field of biomedical research where the Faculty of Science and the Faculty of Medicine – both located at the University

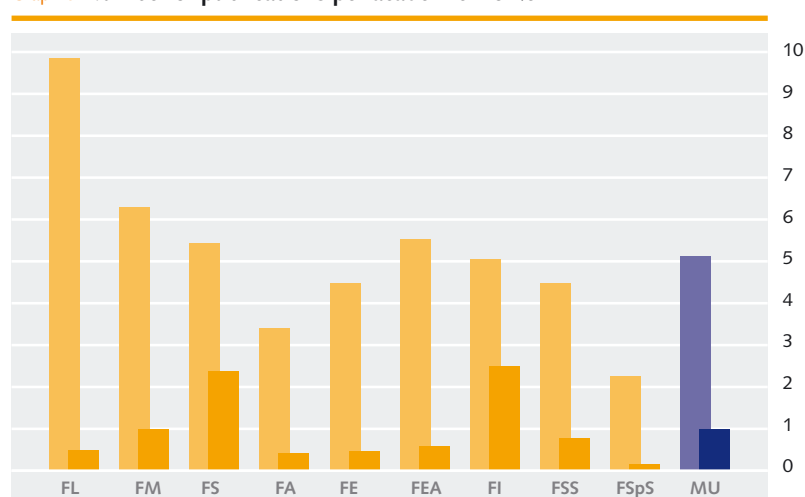
An international impact of ca. 20 % corresponds to the focus and publishing characteristics of individual fields. The international impact rate is usually highest in the sciences and informatics.

■ international
■ Czech

Graph 7 Research publication output structure



Graph 8 Number of publications per academic worker



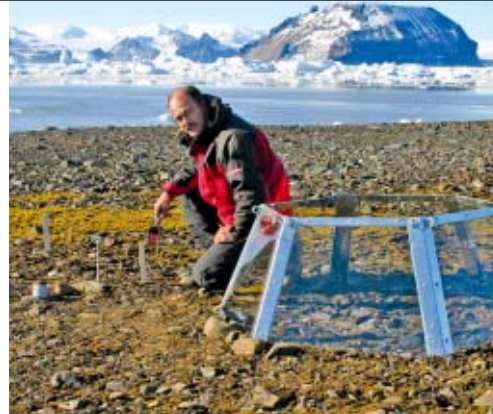
Publication effectiveness is defined as the number of publications per academic worker. The Faculty of Law exhibits traditionally high results; this is characteristic of the legal sciences, especially due to the large number of scholarly and educational works published in Czech.

■ total publications
■ international publications



Campus at Bohunice – work in close collaboration. Dynamic integrated research units have also been established at the Faculty of Informatics and the Institute of Computer Science.

The university also runs a reading room and publishing house for the visually impaired – this unique facility is operated by the Support Centre for Students with Special Needs. More informa-



National Polar Research Centre

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



tion about unique units and facilities, effectively connected by means of the integrated research capacity concept, can be found in chapters focusing on research at individual faculties.

Cooperation in Research and Development

The successful results achieved in research and development are based on effective cooperation between research teams. Masaryk University research units work in close collaboration with international scientific research and development-oriented institutions, i.e. mostly universities and institutions with primary concerns other than education: e.g. the Academy of Sciences of the Czech Republic and various governmental institutions. Projects run by research centres and primary research centres which are directly intended to facilitate inter-institutional collaboration constitute the ideal project type for implementing effectively coordinated creative research between the university and research institutions in the Czech Republic as well as abroad. The number of formally supported collaborative projects is on the rise, both in terms of standard grant projects at the national or international levels as well as those based on contractually bound agreements between faculties and external research institutions. Informal collaboration is likewise experiencing rapid development and often leads to e.g. joint research results publication, international conference and seminar organization, etc. Partnership with international institutions, especially universities, is an important prerequisite for the internationalization of doctoral studies.

As a result of such internationalization, doctoral students now have the opportunity to work on so-called joint doctorates.

Cooperation between Masaryk University and the Academy of Sciences of the Czech Republic is a time-honoured yet still very efficient research scheme. The aforementioned National Polar Research Centre is a typical example of a successful partnership scheme. Cooperation between the two institutions has educational impact as well: a number of Academy institutes play important roles in implementing doctoral degree programmes in a wide variety of fields. Both primary as well as applied research projects almost always result in applicable output, hence the successful collaboration between the university and governmental as well as non-governmental institutions which either pursue research themselves or build on the results attained.

In addition to focusing on research itself, Masaryk University is also committed to **working with institutions promoting science** among secondary school students and the general public. Secondary School Scientific Activity, for instance, is a joint project carried out by MU and the South Moravian Centre for International Mobility. The university also acts as senior partner to the Brno Cultural Centre, organizing popular science festivals, etc. A new scientific contest for primary and secondary schools called ŽIRAFA was added to the annual science festival in 2008.

Projects of the EU Sixth and Seventh Framework Programmes

In accordance with identifying needs and objectives and in an effort to increase the capacity of research workers with respect to participation in EU projects, Masaryk University and the Technology Centre AS CR are concurrently focusing on the **internal education** of specific groups of workers – especially in terms of formulation methodology and submitting project proposals. Research workers submitting and implementing international projects are provided with personalized high-quality counselling as well as the necessary institutional support. Furthermore, partnership with the South Moravian Innovation Centre and the Regional Contact Organization has helped MU organize an information campaign linked to the Seventh Framework Programme for the South Moravian Region.

In 2008 a total of 10 projects were carried out at MU under the auspices of the Sixth Framework

Programme, an additional 20 – likewise connected to MU – were submitted for implementation under the Seventh Framework Programme. As of 31 December 2008, the Seventh Framework Programme portfolio comprised a total of 76 submitted proposals; eight contracts had been finalized and a further eight were being negotiated. The MU success rate is slightly below the European average.

The following projects were investigated at Masaryk University in 2008: 395 scientific and research projects funded by 13 national providers and amounting to a total of 856,771,000 CZK, 79 Higher Education Development Fund projects amounting to 27,527,000 CZK and 65 scientific and research projects funded by the Rector's Programme and amounting to 2,044,000 CZK.

The majority of all funding is provided by the Ministry of Education, Youth and Sports, i.e. 89 projects amounting to 551,565,000 CZK. The Czech Science Foundation is in turn responsible for the greatest number of individual projects: 196 projects worth 92,653,000 CZK. Individual governmental programmes investi-

gated in 2008 included 147 projects and a total of 688,448,000 CZK in subsidies.

In connection with project support, the Office is responsible for ensuring the integrity of strategic data sources necessary for planning and directing programmes as well as providing information support within the **MU Information System for Projects Management** (ISEP).

Science and Research Project Support

The Research and Development Office is responsible for project support, especially with respect to the research and development programme frameworks of national providers. These are specifically the following:

- Projects funded from inter-institutional public support sources (long-term research plans)
- Special-purpose support projects funded by the Czech Science Foundation, the Grant Agency of AS CR, the Internal Grant Agency of the Ministry of Health and governmental institutes
- Higher Education Development Fund projects
- Internal MU competition projects: Rector's Programme for Students' Creative Activities Support

3.2. DOCTORAL STUDIES

Doctoral Studies as Part of Structured Studies

In comparison with other types of studies, doctoral degree programmes place great emphasis on individual students' creative activity. They are nevertheless part of the structured study system and have much in common with Master's degree programmes. Therefore, MU doctoral degree programmes adhere to the Study and Examination Regulations, common to all faculties. Both the **credit system** and credit accumulation principle are naturally used to track MU doctoral students' progress. Special courses have, however, been introduced in connection with the peculiar nature of doctoral studies: courses outside a given student's field and specialization. Such special courses tend to display a flexible credit value, in effect enabling students to set up personalized study plans. Displaying a certain measure of academic language competence – especially in English – has become a compulsory part of completing a doctoral degree; the C1 level according to the Common European Framework of Reference for Languages forms the minimum requirement. In case a student passes the prescribed compulsory subjects at another university, in the form of a double doctoral degree or individually, he or she may subsequently apply and – if granted the right to do so – finish studies according to the regulations of the so-called **European Ph.D.** Masaryk University already boasts the first few European Doctorate graduates.

The high quality of doctoral degree programmes is being reinforced thanks to a shift towards a four-

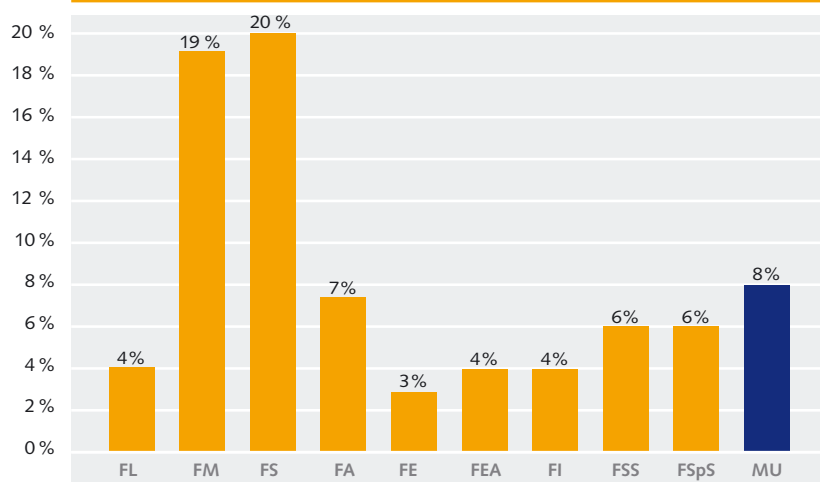
year-long standard length of studies; six faculties have received accreditation for the four-year programme, one has submitted an accreditation request, and all of the remaining faculties are currently preparing the applications.

Doctoral Students as Research Team Members

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

There are currently 3,300 students enrolled in doctoral studies at Masaryk University. **The percentage of doctoral students at a given university (faculty)** is generally considered to constitute a marker indicating whether the institution may be considered a research university (faculty). However, it is far from being the only relevant indicator, as the total number of doctoral students is significantly influenced by both the fields of study contributing to the faculty research focus as well as by study efficiency, characterized e.g. by the ratio of real and standard length of studies. However, the ratio of doctoral students to total number of students becomes a rather moot point in case the university in question also focuses on developing ever more popular and progressive Bachelor's degree programmes and fields of study.

Graph 9 Doctoral students at MU



The percentage of doctoral students at a given university (faculty) is generally considered to constitute a marker indicating whether the institution may be considered a research university (faculty).

Creative student activities and doctoral student activities in particular receive funding from the Rector's Programme for Students' Creative Activities Support. Students are encouraged to participate in a competition to acquire the financial means for research projects relevant to their diploma theses or dissertations as well as other research topics. In 2008, 30 projects were selected for the following 2008/2009 academic year and granted a total of 2,028,000 CZK in financial support. The competition is scheduled for a major expansion and should soon offer support to e.g. team projects and itself receive funding from the development project.

Doctoral Studies Internationalization

As specified in the *Strategic Plan*, internationalization is one of the most important goals Masaryk University has set out to fulfil. In order to meet the objective, doctoral degree programmes strive for accreditation in English or another foreign language widely employed in a given field. In fact, several faculties have already achieved the ultimate goal of securing accreditation in a foreign language for all doctoral degree programmes and fields of study: the Faculty of Science, Faculty of Medicine, Faculty of Informatics, Faculty of Social Studies and Sports Studies. Doctoral students' language competence is being enhanced by means of compulsory courses enabling them to reach the C1 level (according to the Common European Framework of Reference for Languages).

In addition to double doctoral degree agreements, standard student mobility programmes and visiting scholar projects, internationalization in doctoral studies is also implemented with the aid of a development project first set up in 2007; the project aims to help doctoral students and new research workers integrate into research teams systematically and effectively, e.g. by means of research internships aimed at promoting high-quality doctoral dissertations and obtaining research results competitive on a European scale.

Awards Granted in 2008

Honorary Doctorates awarded by Masaryk University in 2008:

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

Honorary Doctorates awarded by Masaryk University and approved by the Scientific Board in 2008:

- Prof. Javier Esparza, Technical university of Munich

Gold Medals:

- Prof. Jakob Wirz, University of Basel
- Prof. RNDr. Rostislav Brozobohatý, DrSc., Faculty of Science of MU
- Prof. MUDr. Jan Wechsler, CSc., Faculty of Medicine of MU

Silver Medals:

- Prof. PhDr. Ludvík Štěpán, Ph.D., MU Faculty of Arts
- Prof. MUDr. Radomír Čihák, DrSc., First Faculty of Medicine of Charles University (professor emeritus)

Rector's Award for Outstanding Creative Activity:

- Prof. MUDr. Pavel Šlampa, CSc.: *Radiation Oncology*, Galén, Prague 2007
- Prof. PhDr. Mgr. Tomáš Knoz, Ph.D.: *Confiscations after White Mountain Battle*, Matice moravská, Faculty of Arts of MU, Brno 2006
- Prof. PhDr. Rudolf Šrámek, CSc.: *Beiträge zur allgemeinen Namenstheorie*, Praesens Verlag, Vienna 2007
- Assoc. Prof. Mgr. Jiří Macháček, Ph.D.: *Pohansko bei Břeclav*, dr. Rudolf Habelt, Bonn 2007

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

- RNDr. Vojtěch Forejt, Faculty of Informatics
- RNDr. Vojtěch Adam, Faculty of Science
- Mgr. Diana Grochová, Ph.D., Faculty of Science
- Mgr. Roman Švaříček, Faculty of Arts

Rector's Award for an Outstanding Doctoral Thesis:

- Ing. Filip Rázga, Ph.D., Faculty of Science
- MUDr. Eva Závodná, Ph.D., Faculty of Medicine
- Mgr. Hana Šlechtová, Ph.D., Faculty of Social Studies

3.3. ACADEMIC STAFF QUALIFICATION ADVANCEMENT

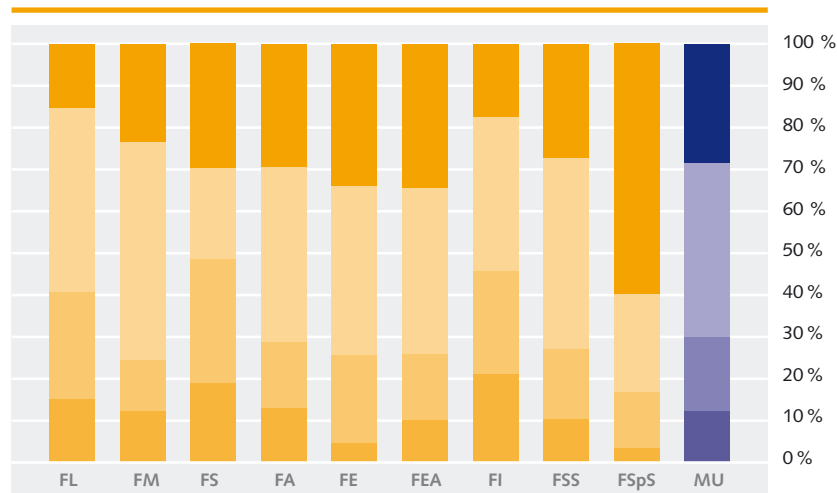
The stated objective under the long-term plan for MU academic staff qualification and career advancement as defined in the *Strategic Plan of Educational, Scientific, Research, Development, Artistic and Other Activities at MU in the Period 2006–2010* is maintaining and improving the position of Masaryk University as a research university offering balanced high-quality educational, research and development activities. While the advancement of academic employees' qualification is naturally a necessary prerequisite, the concept also aims to ensure the stability and quality of teams headed by professors and associate professors who are in turn responsible for the academic and educational quality of teaching. Additionally, the

requisite scientific and pedagogical levels as well as committing themselves to starting a habilitation or professorship procedure by the end of 2008. Support was granted either as paid sabbaticals or research trips; the project has so far contributed to initiating a total of 25 habilitations and 12 professorship procedures.

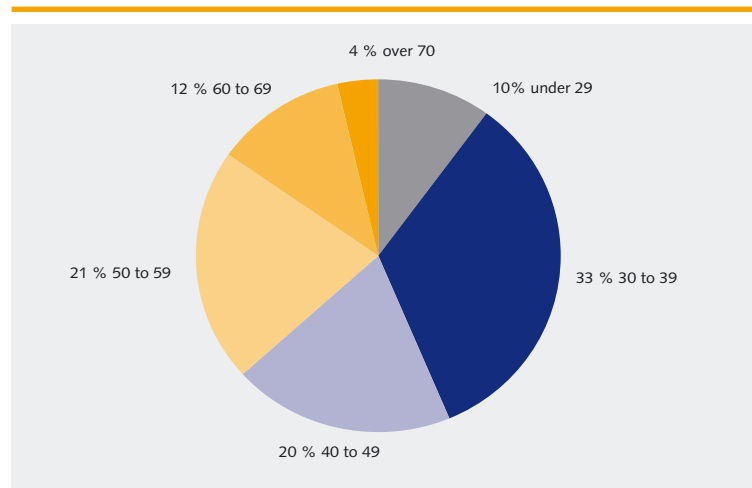
The following graphs display the current qualification and age structure of all Masaryk University academic workers according to the total number of workers.

■ others
■ lecturers
■ associate professors
■ professors

Graph 10 MU academic workers qualification structure



Graph 11 MU academic workers age structure

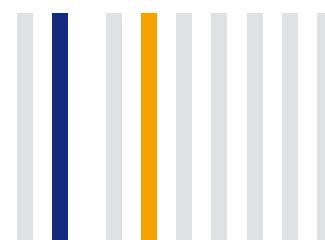


concept also focuses on the possibility of securing accreditation for new degree programmes – preference is given to interdisciplinary or interfaculty programmes reflecting the broad spectrum of disciplines offered at MU faculties, providing permanent guarantee of the high quality of doctoral degree programmes – especially concerning students' creative work within research teams, and finally on ensuring the quality of team research both at individual faculties as well as within the interfaculty cooperation framework.

The demanding nature of **procedures granting assistant professorship and professorship** – requiring applicants to link their teaching capabilities and original scholarship, both corresponding to internationally recognized standards in terms of quality and extent – necessitates a great degree of support in the final preparatory stages. The necessary support is granted in the form of effectively planned research trips and sabbaticals. In 2008, academic demand led to the launch of a new development project, MU Academic Staff Career Advancement as a Means of Improving the Quality of Research and Teaching. The project grants support to previously selected academic staff who fulfilled both the requirement of attaining



The University and Links to Society



Masaryk University plays an important role within a complex network of social connections and relationships. While the university must naturally address large numbers of both prospective students and alumni, it also concentrates on creating a certain image in the eyes of the general public as well as forming partnerships on regional, national and even international levels. As far as external connections are concerned, cooperation with the business sector, the transfer of knowledge and research results into practical application and finally enhancing relationships with MU graduates were all greatly emphasized in 2008.



4.1. PUBLIC RELATIONS AND MARKETING

MU Promotion

Masaryk University has been publishing the *muni.cz* magazine for four consecutive years; the magazine's primary task is informing university employees and students as well as the general public of any and all events taking place at the university. An on-line version permanently provides a large number of readers with all university-related information. The Technology Transfer Office has used the print version of the *muni.cz* magazine to distribute two issues of its INTERFACE newsletter.

A new **promotional MU DVD** project was carried through in 2008. The objective was to present MU as a dynamically developing university. The resulting DVD presentation is to be used to pro-



mote the university at conferences, official visits, open days for the public and students and perhaps even for online advertising purposes. The DVD contains a six-minute-long and a two-minute-long version in Czech as well as English.

In 2008, Masaryk University hosted the traditional **Czech university academic year opening**; the event was attended e.g. by Mirek Topolánek, Prime Minister of the Czech Republic and Ondřej Liška, Minister of Education, Youth and Sports.

The university pays a great deal of attention to the aesthetic and artistic aspects of new or renovated buildings and grounds. The new University Campus grounds boast a bronze sculpture by Vladimír Preclík entitled "The Flowering of Learning" while the recently renovated and re-opened Faculty of Science complex at Kotlářská street now features a sculpture called "Ano" by Pavel Tasovský.

With respect to **potential students**, Masaryk University strives to spread study-related information in such a way that the very best students apply. For five consecutive years MU has been rated the most sought-after university in the Czech Republic.

In order to heighten prospective students' interest even further, Masaryk University representatives have attended education-related trade fairs

in Prague, Brno and Bratislava, visited secondary schools in the Czech Republic as well as Slovakia, made use of materials including e.g. the above mentioned promotional DVD and a special magazine for potential applicants – MUNI EXTRA – complete with a list of all available fields of study, republished a study brochure and advertised the university on buses, placed posters in Czech as well as Slovak secondary schools, advertised on the internet, organized open days and a number of other events and activities. The independently-run Partnership in Education project also continued throughout the year.

In 2008, MU Information System staff announced they had collected **information about all MU graduates in electronic form**; the information was gathered from graduation records found in MU Archives which keep a record of all alumni: a total of 125,000 since 1919. Fresh graduates were addressed by means of a Rector's letter, enclosed in the diploma and expressing the university's wish to remain in contact and continue developing a relationship with alumni in the future. **The MU Alumni and Friends Association** embraced the University of the Third Age Alumni Association, in effect reaching a membership of 2,072 graduates.

Providing Access to and Promoting Science and Research Results

Researchers' Night 2008 may be considered the key MU-organized promotion event in 2008; the

"In Search of 125,000 Masaryks"

In the autumn of 2008, Masaryk University launched a **campaign addressing alumni** and focusing primarily on contacting graduates, thus creating a basis for future communication. Over one thousand graduates registered during the first month alone. The university also set up a new website – www.absolventi.muni.cz – and sent out the first issue of an electronic newsletter: *The Graduate*.

event was designed to boost awareness of research and present science in a new and attractive light. Over 120 MU employees and students prepared a varied and interesting programme at several sites: the Faculty of Science, the Faculty of Informatics and the Nicolaus Copernicus Observatory and Planetarium in Brno. Attendees were encouraged to take part in discovering the secrets of science in entertaining ways. This was the second time MU has participated in the project, already a popular

one across Europe. The event was greeted with a great deal of enthusiasm: not only did over 6,000 people take part, but the MU-organized Researchers' Night in fact turned out to be the largest and most visited in the Czech Republic. Furthermore, Researchers' Night was voted the Brno Event of 2008 by the independent Brnopolis jury.

Taking place in August, **Science Festival 2008** was another MU-supported event aimed at bringing science to the general public.

Throughout 2008, Masaryk University also focused on popularizing science at secondary schools: the **Physics Circus 2008 – Destination Mars**, an experimental physics contest for high school and university teams, was co-organized by MU in partnership with the Brno Observatory and the MU Natural Scientists' Society. A total of 23 teams from throughout the Czech Republic took part, i.e. three times as many as in the initial 2007 run.

University Press

Masaryk University is one of the most productive publishers of specialized literature and academic publications in the Czech Republic. In 2008, **Masaryk University Press** published a total of 272 books and 38 magazines as well as organizing five exhibitions drawing attention to science and research results both in the Czech Republic as well as abroad. The publishing house also started issuing a new review: four issues of *Universitas* have been published so far.

Masaryk University Press and the Public in 2008:

- **Internal communication** – publication of *MU Press Publishing Principles*, processing of periodicals database required to update the SRC, publication of *Halas* and *Sacra* student magazines
- **Universities and other institutions** – publication of *Die Seele Brünns* for the Brno Centre of European Studies, organization of related exhibition; commencement of *Genetics* project in partnership with university and AS CR translators
- **Public administration** – publication of the "Annual Report on the Activities of the Public Defender of Rights"
- **International collaboration** – participation in CGU university network, publication of *Beckett: Screens of Silence*; publication of "Higher Education in Diverse Communities" conference proceedings for the University of Westminster



The Mendel Lectures 2008 Cycle

- **Professor Elliot Meyerowitz** (California Institute of Technology, Pasadena, USA) – *Plant Stem Cells: Live Imaging and Computational Models of the Arabidopsis Shoot Apical Meristem*
- **Dr. Stephen West** (Cancer Research UK, Clare Hall Laboratories, UK) – *DNA Strand-Break Repair and Relationship to Human Disease*
- **Dr. Richard Durbin** (Wellcome Trust Sanger Institute, Cambridge, UK) – *Sequencing Hundreds of Human Genomes*
- **Sir Paul Nurse** (Rockefeller University, New York, USA) – *The Great Ideas of Biology*
- **Dr. Jan-Michael Peters** (IMP, Vienna, Austria) – *How Cohesin Controls Sister Chromatid Cohesion and Transcription*
- **Dr. Andrea Musacchio** (FIRC Institute of Molecular Oncology Foundation and the European Institute of Oncology, Milan, Italy) – *Molecular Bases of Chromosome Segregation*

The Mendel Museum

Throughout 2008, the principal concerns of the Mendel Museum consisted of stabilizing and integrating the museum into university structures. The museum organized six exhibitions in 2008 with "We're communicating" – an exhibition prepared by MU students and graduates – drawing the greatest number of visitors: over 6,100. The exhibition will subsequently be put on display at museums around the Czech Republic. The museum was unfortunately closed from September until the first half of December.

A new exhibition dedicated to the heritage of G. J. Mendel was prepared during the course of 2008; entitled "Gregor Johann Mendel – Man, Abbot and Scientist", the interactive exhibition is primarily intended for schoolchildren as well as the general public.

The museum employs three full-time and 30 part-time staff. The total budget for 2008 amounted to 5.5 million CZK.



4.2. INSTITUTIONAL PARTNERSHIPS

Cooperation with Universities and Research Institutions

Along with several South Moravian universities and other scientific and research institutes, Masaryk University has been participating – as senior partner – in the activities of the Central Eu-



ropean Institute of Technology (**CEITEC**) project under the Research and Development for Innovation Operational Programme. The project is based on the premise that the city of Brno plays a vital role within the Czech context, primarily where fields such as information technology, telecommunication, medicine and biotechnological research are concerned. The goal of the project is to create an excellent scientific centre in Brno, thus improving the potential for research and innovation in the Czech Republic as a whole.

Cooperation with the South Moravian Region

The university took part, as it does each year, in activities organized by the **South Moravian Centre for International Mobility**, more specifically in the following two projects: Support Programme for Internationalization at Universities in South Moravia and Projects with Talented Students in the South Moravian Region.

The South Moravian Region provides funding for **Mozek**, a project subsequently implemented at Masaryk University research facilities. The project is designed to attract top international scientists to the university's research units and in effect advocate a regional "brain gain". Masaryk University succeeded in employing two international scientists in 2008; both are currently working in Faculty of Science labs at the University Campus at Bohunice.

Cooperation with Secondary Schools

Under the provisions of the **Partnership in Education project**, Masaryk University signed five-year-long contracts with 64 Czech and Slovak secondary schools. The project consists of informing partner secondary schools of new developments at MU, presenting study opportunities and organizing lessons led by MU lecturers, seminars for pedagogical advisors, various events for talented students and even a special open day. Further activities include staging a conference organized and attended by MU and secondary school management teams focusing on state secondary school-leaving examinations.

Cooperation with the Private Sector

The university continued to develop relations with a number of business partners. Throughout 2008 MU continued its collaboration with notable partners from previous years, Komerční Banka, and Českomoravský cement as senior partners, as well as with several other corporations: Starobrnno, VSO Dřevo, and Zlatá hvězda.



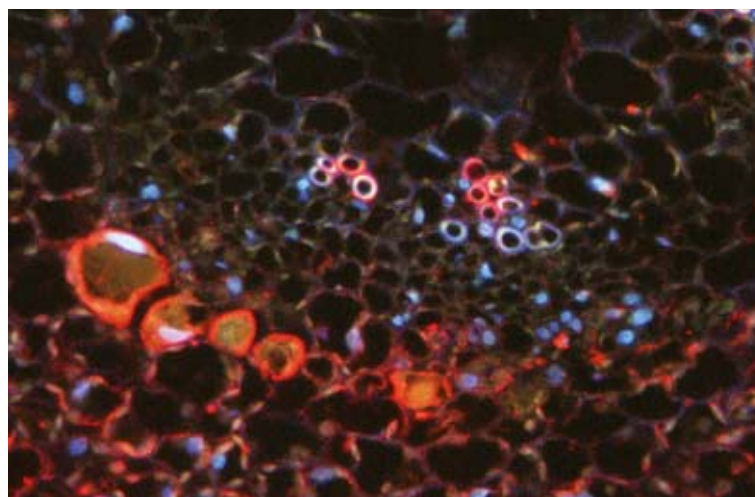
4.3. KNOWLEDGE AND RESEARCH RESULTS TRANSFER

The MU Technology Transfer Office (TTO) is an independent constituent part of the university responsible for the implementation of research and development results outside Masaryk University. Its responsibilities include protecting intellectual property, providing technology and knowledge transfer, supporting academic commercial activities and preparing and administering contractually bound partnerships including overlaps into teaching and marketing activities.

In 2008, the TTO team – i.e. three project managers, one lawyer and several administrative workers – concentrated specifically on the following areas: plasma physics, biomedical technology, industrial enzyme application, environment, exploitation of technology in genomics and proteomics and information technology. The TTO received funding from the Industry and Enterprise Operational Programme as well as the POSTBIOMIN (FP7) project.

Three new **patent applications** were submitted in 2008: two by the Faculty of Science and one by the Faculty of Medicine. The Czech patent Magnetic Particles Coated with Selected Polysaccha-

throughout the year. The TTO also continued to publish INTERFACE MU, a periodical technological magazine; in fact, communication with individual units has resulted in a representative body of promotional materials: “Masaryk University, Your Partner in Research”. These publications



as well as more detailed information are to be found on the TTO internal information website www.ctt.muni.cz.

Based on previous experience, the TTO has broadened its **educational activities**. Apart from internal as well as external courses dealing with intellectual property and its uses, a new course has been accredited: Research and Development in Practice. The course focuses on academic commercial activities, preparing and managing projects and utilizing intellectual property. The course is taught each semester, 32 students were enrolled in 2008.

rides (i.e. microbiology) was granted concurrently.

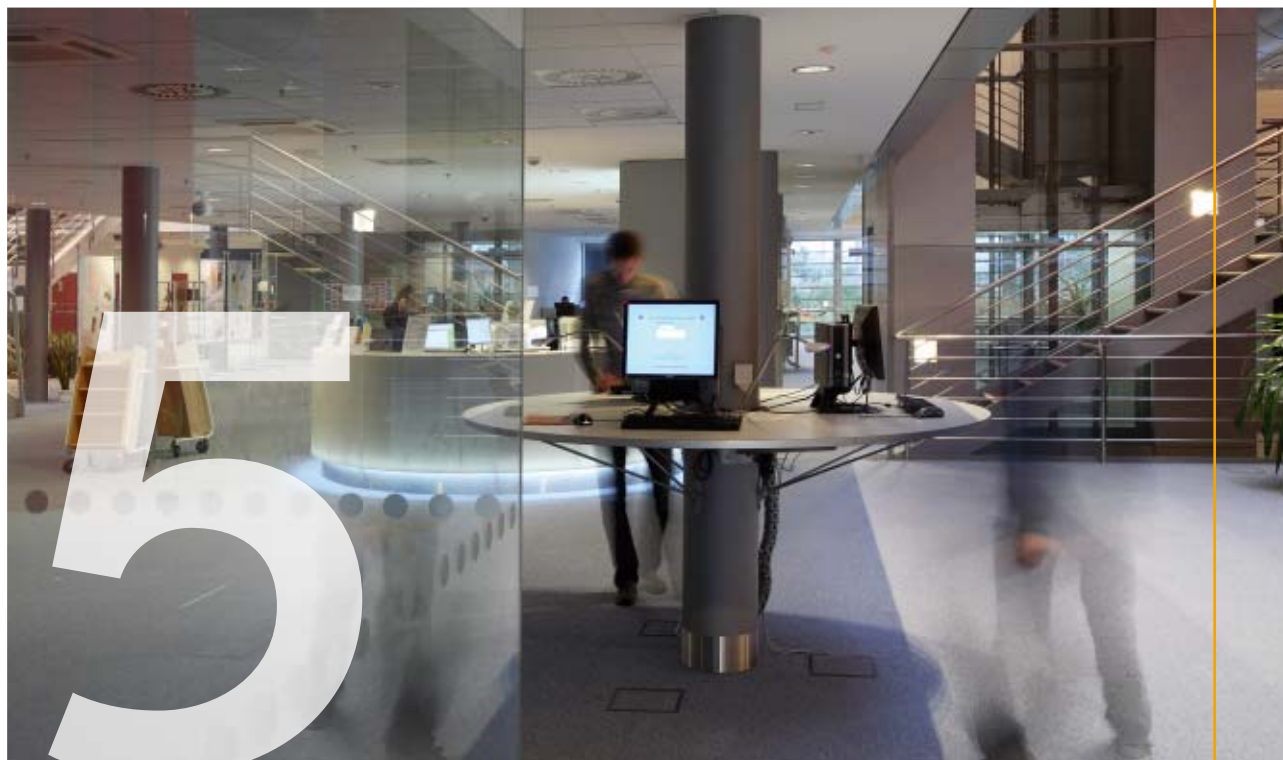
In 2008 the TTO launched a direct **business support** initiative in search of commercial partners for developing applications based on MU intellectual property. Apart from standard negotiations with partners, a long-term collaboration agreement has been signed with Imprimatur Capital, a company specializing in world-wide venture capital investment. Through the TTO, Masaryk University has greatly contributed to the development of Regional Innovation Strategy III for the South Moravian Region.

The TTO has also presented Masaryk University research and development results at two trade fairs: Bio 2008 (San Diego) and ProFintech (Trade Fairs Brno). Close collaboration with the CEITEC Cluster – Bioinformatics continued





Development Activities and Support Processes



In 2008 the university underwent a fundamental restructuring of the personnel and wage system, adopting modern rules and regulations fully compliant with international best practices aimed at supporting career advancement as well as both academic and non-academic staff remuneration and offering academic careers to experts who had proved their abilities in other professions.



5.1. INFRASTRUCTURE MANAGEMENT

In accordance with the *2006–2010 MU Strategic Plan*, development of Masaryk University infrastructure has been implemented primarily within the framework of Programme 233 330, **Development of the Material and Technical Base of Masaryk University**, as approved by Resolution of the Government of the Czech Republic No. 203, 27 February 2002 and its subsequent updates. Programme 233 330 consists of two sub-programmes: Sub-programme 233 333 – Reconstruction of MU Historical Buildings – and Sub-programme 233 332 – Construction of the Bohunice University Campus at Bohunice.

Renovation and Modernisation of Existing MU Buildings

The first part of the programme (Sub-programme 233 333) focused on the reconstruction and modernization of existing buildings in the historical Brno downtown area, in particular extensive structural renovation, technological infrastructure modernization, reconstruction of lecture rooms, laboratories and other spaces as well as

The Masaryk University Campus at Bohunice

The second part of the programme (i.e. Sub-programme 233 332) comprises the construction of the Masaryk University Campus at Bohunice (UCB). Apart from renovating buildings in the immediate vicinity of the Faculty Hospital Bohunice (the so-called Morphology Centre), acquired by MU in the late 1990s, the phase consists primarily of constructing new sections of the university complex designated for the educational and research activities of the Faculty of Medicine, the biology and chemistry-related fields of study at the Faculty of Science and the Faculty of Sports Studies. Upon completion of the UCB, Masaryk University will gain approximately 39,100 m² of new floor space: 17,700 m² worth of lecture rooms and educational facilities, 11,200 m² of laboratories and research facilities, 3,900 m² of academic employee offices and 1,800 m² of administrative offices. The UCB is designed to accommodate approximately 5,000 students and 1000 academic and administrative staff.



modernization of laboratory equipment, information and audiovisual technology. A total of 67 structural and 57 technological renovations have been carried out since 2002. As of 30 August 2008 the sub-programme has been successfully finalized, meeting the approved deadline and not exceeding the assigned financial limit. A total of 1,298,097,000 of the initially available 1,341,873,000 CZK was invested and the remaining sum of 43,776,000 CZK transferred to Sub-programme 233 332.

The final part of Sub-programme 233 333 – **renovation of the Faculty of Science grounds on Kotlářská street** begun in October 2004 – was finalized in 2008. An amount of 606,962,000 CZK of the total of 607,178,000 CZK was spent, 118,659,000 CZK in 2008 alone.

University Campus Construction Particulars

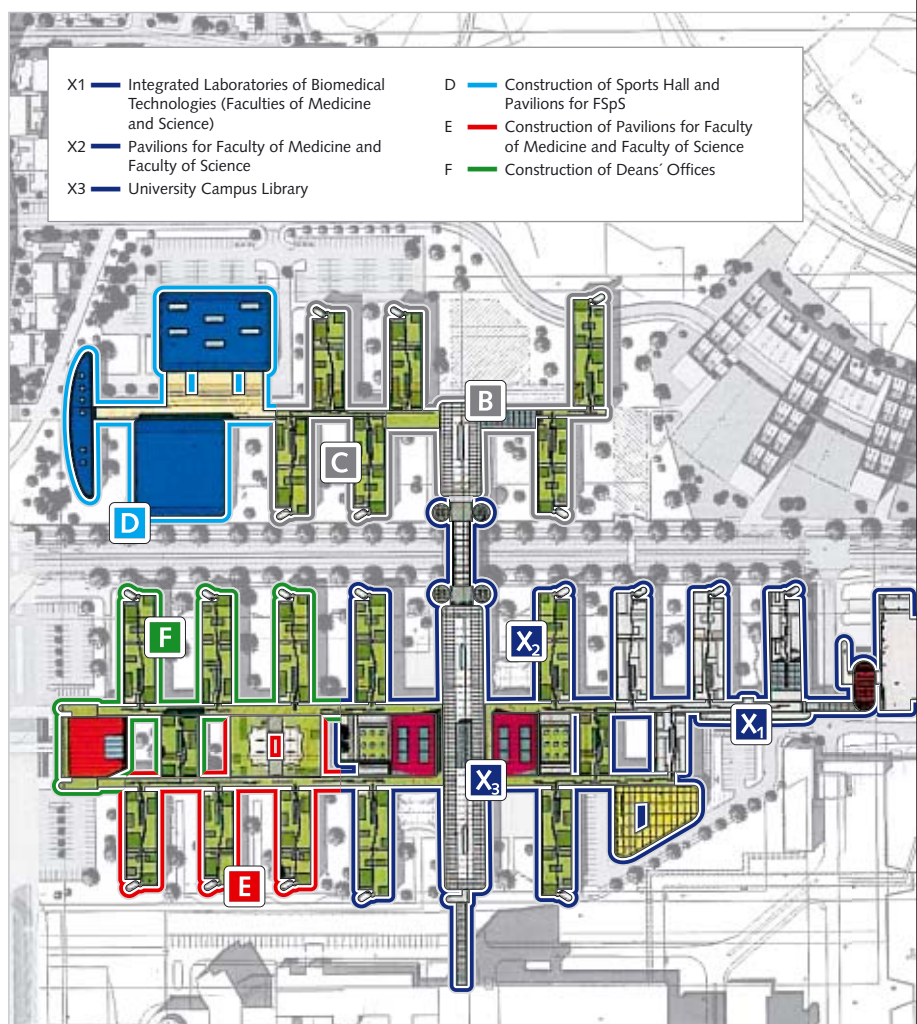
The following construction phases were launched in 2008: phase D of the Yellow Stage (the phase includes the Faculty of Sports Studies building and a sports hall), phase E of the Green Stage (three Faculty of Medicine buildings and assembly hall) and phase F of the Green Stage (three Faculty of Science buildings and an educational centre). The total expenses invested in these construction phases amount to 2,307,302,000 CZK, a sum of 459,422,000 CZK was invested in 2008 alone. Phase D is scheduled to finish in 2009, phases E and F in 2010.

The Sub-programme 233 332 budget amounts to 5,143,934,000 CZK. As a result of searching for a solution to covering exchange rate losses and progressive inflation, MU has not been able to launch the remaining construction phases. The Government of the Czech Republic has therefore decided in favour of limiting the construction process. The reduction correlates with funding available under Programme 233 330. However, Masaryk University and the Ministry of Education are currently negotiating a strategy securing alternative funding sources for further construction; the university is also applying for financial grants from future European Structural Fund programmes in order to finish construction of the UCB in full. In connection to this situation, Masaryk University has proposed that in order to finish construction of several buildings, funding might be obtained from the Research and Development for Innovation Operational Programme.



Financing Programme 233 330

The programme has an approved budget of 6,442,000,000 CZK. The programme is financed in part by Masaryk University (40 %): a total of 809,228,000 CZK are available for direct investment by 2010 and a further 1,775,000,000 CZK through repayable financial assistance due in 2011–2030. Government



Resolution No. 916/2008 has lowered the repayable financial assistance to 1,375,000,000 CZK, in effect reducing MU financial participation to 34%. In 2008 the total cost of implementing Programme 233 330 amounted to 618,783,000 CZK. Funding received from the national budget amounted to 239,672,000 CZK, Masaryk University itself provided 21,246,000 CZK and the Statutory City of Brno contributed a sum of 31,737,000 CZK.

As of 31 December 2008, Programme expenditures had reached a sum total of 4,659,826,000 CZK: 1,670,680,000 CZK from the national budget, 695,755,000 CZK from MU resources and 296,871,000 CZK from the Statutory City of Brno.

5.2. INVESTMENT IN HUMAN RESOURCES AND EMPLOYEE SUPPORT

Personnel management

Masaryk University, as the second largest employer in the region, was employing a total of 4,319 workers in 2008, 2,088 of whom were academic staff. Legislative changes in foreigner employment regulations brought about a further increase in the number of international employees at MU. A total of 326 foreigners from 36 countries were employed at MU in 2008.

MU regularly offers a number of job opportunities to its own students; the university was employing over 1,080 full-time as well as combined studies students in 2008. They were either employed

in connection to their studies or were hired based on a regular employment relationship.

In connection with the increasing share of targeted funding at MU, great emphasis was placed on professionalization and administrative specialization in project management at all levels of personnel management. The Rector's Office has set up a new body, the Project Support Office, while the individual faculties also made a number of steps towards establishing a project support base.

In 2008 the "University Personnel and Payroll Information System Open Modular Solution", a centralized development project pooling the efforts of seven Czech universities with the objective of creating a unified platform for providing computer support in the personnel and payroll areas, was successfully implemented under MU supervision. An agreement regarding mutual cooperation concerning further development of personnel information system modules and functions was subsequently made between all participating universities.

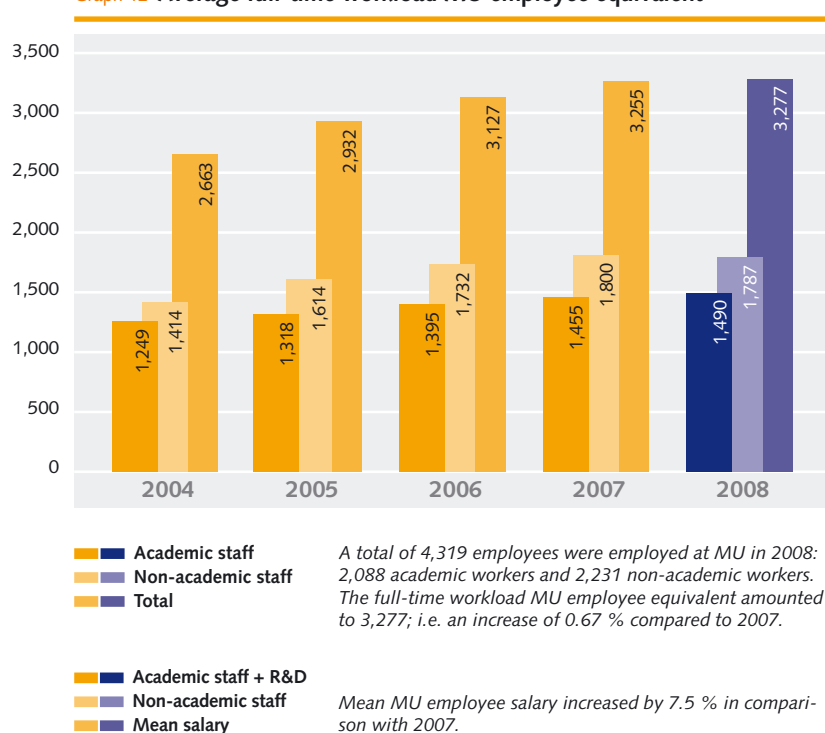
Education

In 2008, a five-year-long language competence development project – falling within the scope of the internal education system framework – was completed; the project focused on increasing the English language skills of MU administrative staff. The project cost a total of 4.6 million CZK, financial means were secured from development programmes and centralized funds. 361 employees completed the language course. A number of professional MS Office tutorials as well as other specialized IT lectures were organized in 2008 in connection with an educational programme focusing on improving MU information technology and information system utilization. Apart from internal and external education, MU has also systematically supported academic and non-academic staff participation in professional events on both national and international levels as well as supporting short-term placements at external units (e.g. Rector's Office and faculty administrative management staff seminar at Nottingham Trent University).

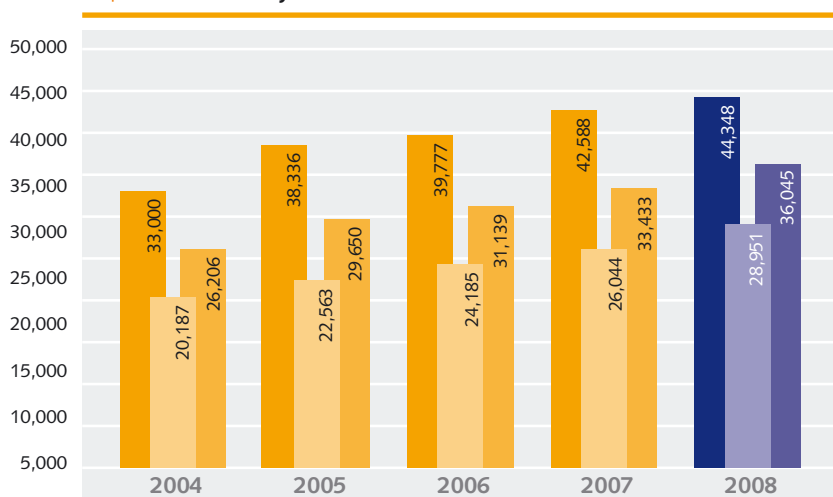
Motivation System

All MU employees received employee benefits in 2008, namely in the form of **supplementary pension scheme contributions** and meal vouchers, all under the provisions of the motivation system. A total sum of 22 million CZK was distributed among 2,673 employees in supplementary pension scheme contributions, the average contribution sum per employee amounted to 684 CZK. **MU also disbursed a total sum of 15.5 million CZK in meal vouchers. Starting in 2008, MU**

Graph 12 Average full-time workload MU employee equivalent



Graph 13 Mean salary



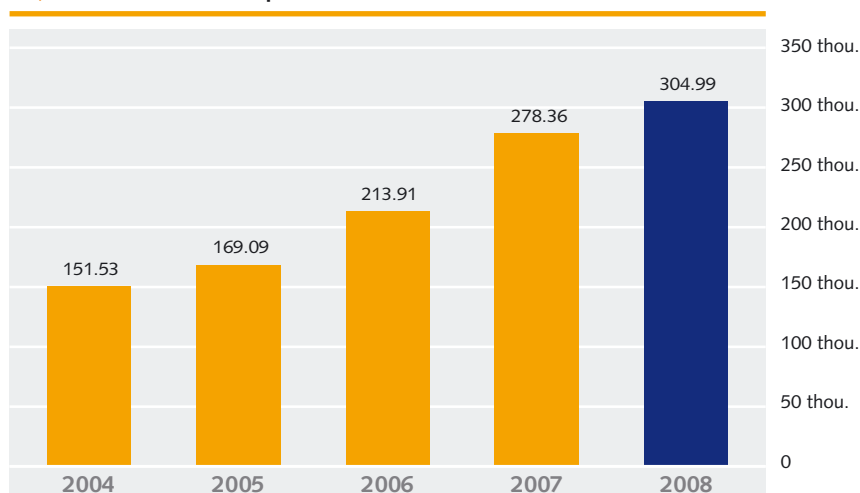
administrative workers are provided with another significant benefit, which consists of an extra week of paid leave per year.

Salaries

A new wage regulation was set up at MU in 2008. The new wage regulation lists a reduced number of wage levels. The goal of the new wage regulation is creating a set of wage rules common to all employees, supporting interest in career growth by offering a considerable wage level shift on obtaining higher qualification regardless of employment duration, system remuneration via performance and functional bonuses, and setting up rules for negotiating target payments as a significant incentive element. Wage scale reconstruction is followed by unifying, simplifying and generalizing employment position categories.

In 2008, mean academic and non-academic staff salary stood at 44,346 CZK and 28,951 CZK respectively. Mean MU employee salary amounted to 35,948 CZK in 2008, an increase of 7.5 compared to 2007.

Graph 14 Total MU non-capital revenue (in thousands of CZK)



5.3. ACCOUNTING AND FINANCIAL MANAGEMENT

Non-Capital Budget

Total MU non-capital revenue in 2008 amounted to 3,945 million CZK, i.e. an increase of 7.58% in comparison with 2007. Expenditures in 2008 amounted to 3,841 million CZK; MU management registered an economic result of 103.940 million CZK after tax (i.e. 2.64% of total MU revenue). The 5% increase in student numbers has resulted in a boost in non-capital revenue, reflected in particular in an inter-annual increase in teaching activities funding by the Ministry of Education, Youth and Sports (indicator A), up by 6.6% over 2007.

In 2008 the non-capital contributions and subsidies from the Ministry of Education, Youth and Sports totalled 2,710 million CZK (an increase of 6.7% over 2007). Another 160 million CZK came from elsewhere in the national budget as well as from the budgets of local and regional government bodies (an increase of 7.4% over 2006 figures), 71 million CZK from abroad (up by 87% compared to 2007), and 8 million CZK from other public sources (down by 79% compared to 2007). Public resources from the national budget and from abroad contributed a total of 2,948 million CZK (an increase of 7% over 2007). Non-capital investment funding provided by the Ministry of Education, Youth and Sports in 2008 for teaching and specific research amounted to 1,819 million CZK, i.e. 46.12% of total MU revenue. Non-capital subsidies for teaching activities (indicator A) comprised 1,697 million CZK (an increase of 6.6%), an additional 122 million CZK targeted specific research (up by 1.7% over 2007).

Total MU non-capital revenues in 2008 amounted to 3,945 million CZK, an increase of 7.58 % in comparison with 2007.

Graph 15 Total non-capital revenue

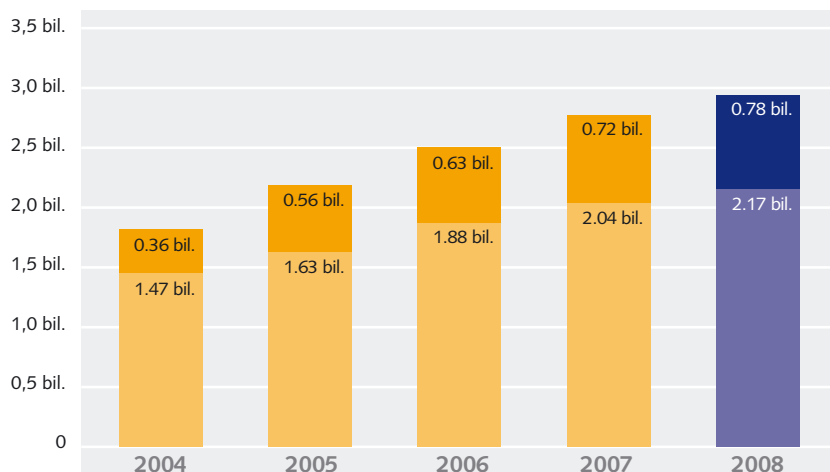




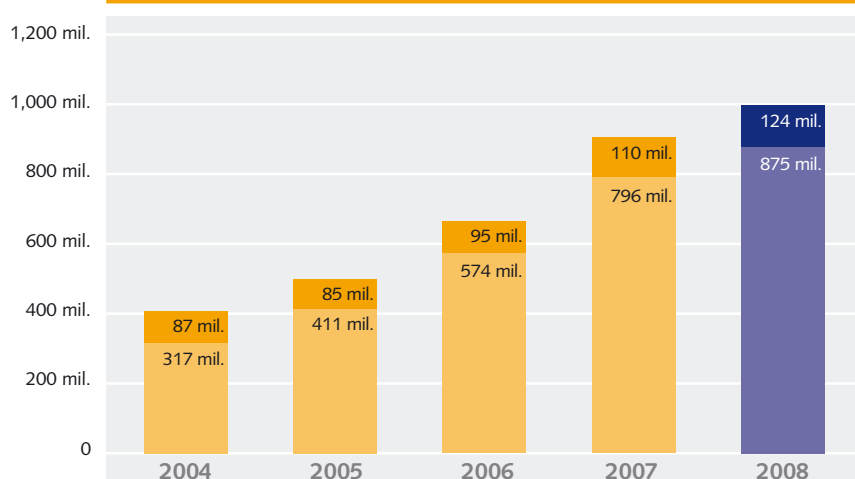
■ Non-capital funding for science and research
■ Non-capital funding for teaching activities

Total non-capital funding in 2008: 92% was provided by the Ministry of Education, Youth and Sports, 5% by other national budget sources, local and regional authorities, and 3% came from various international sources. .

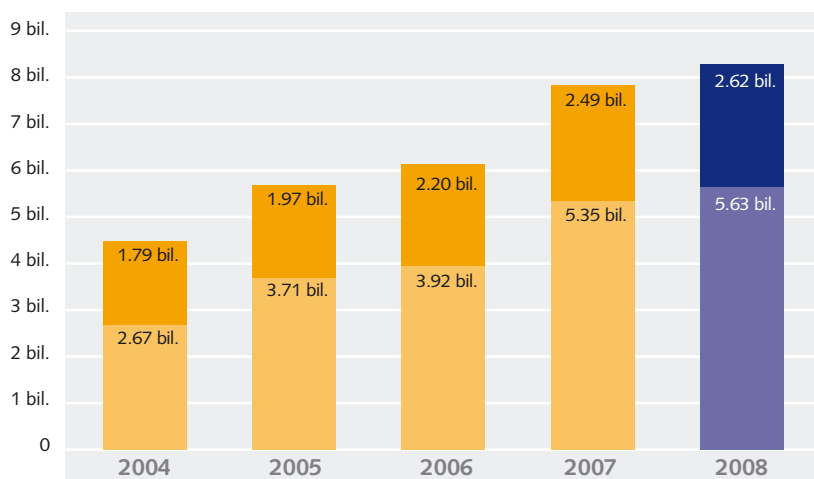
Graph 16 Total non-capital funding



Graph 17 MU self-generated income and income from supplementary activity



Graph 18 Intangible and tangible assets in purchase value



Non-capital student accommodation and catering subsidies amounted to 25.54 million CZK in 2008 (an increase of 38.7% in comparison to 2007), a full 13.5% of the total revenue of the Accommodation and Catering Services.

Non-capital research and development funding (both normative and targeted) amounted to 777 million CZK (i.e. an interannual increase of 8 %): a total of 584 million CZK was provided by the Ministry of Education, Youth and Sports (interannual increase of 4 %), 154 million CZK came from the national budget as well as local and regional authority budgets (interannual increase of 5.5 %); international research received an additional subsidy of 39 million CZK (interannual increase of 211%). Non-capital research and development funding amounted to 20% of total Masaryk University revenue in 2008.

MU **revenue** from non-public sources amounted to 999 million CZK in 2008 (an increase of 11% compared to 2007): 875 million CZK comprises revenue from principal university activity (interannual increase of 10%) and 124 million CZK from supplementary activities (interannual increase of 13 %). Self-generated income and income from supplementary activities amounted to 25% of total non-capital revenue.

Asset Management

An inventory conducted by MU in 2008 shows total assets with a purchase value of 8,355 million CZK (i.e. an increase of 5.2% over 2007): 8,247 million CZK in long-term tangible assets (up 5%) and 108 million CZK in long-term intangible assets (up 10 %). Total depreciation of assets amounted to 2,402 million CZK. The total depreciation rate stands at 29%.

■ Supplementary activities
■ Self-generated income in revenue

MU revenue from non-public sources amounted to 999 million CZK, an increase of 11 % over 2007.

■ Tangible assets
■ Intangible assets

In 2008 MU administered a total amount of 8,247,074 thousand CZK in tangible assets.

5.4. FINANCIAL CONTROL DATA

Internal Control System Establishment, Maintenance, and Effectiveness

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

An **internal audit** functions in compliance with the above mentioned Act, internal Rector's Directive No. 10/2005 MU Internal Audit Statutes, and international auditing standards. Apart from auditing activities focusing on financial management, financial risk management, and internal systems and processes evaluation, continuous monitoring as well as evaluation of the internal control system and management control at MU are also being carried out.

Electronic Workflow including financial control mechanisms is gradually being introduced at MU in order to ensure maximum financial control transparency and optimize administrative processes.

An internal audit analyzing financial risks connected to the results of external financial controls and internal project audits at MU in the period between 2005 and 2008 was carried out. The analysis confirmed that such projects display a very low level of risk as far as quantifying the share of unjustified financial resource use (approximately 0.02%) of the reviewed volume of approximately 532 million CZK is concerned. An extensive public internal financial control conducted by the Ministry of Education, Youth and Sports and concluded in 2008 also documented economical and efficient financial resource use. The conducted financial controls and audits found no serious shortcomings regarding matters connected to Sections 22 and 31 of Act No. 320/2001 Coll. on Financial Control in Public Administration.

Information about Suspicion of Possible Corruption and Proven Corruption Cases

Corruption was neither detected nor proven at Masaryk University.

5.5. MU DEVELOPMENT PROJECTS

A new concept centralizing all efforts in support of MU development projects was developed in September 2008, since then project activities at MU fall under the **Project Support Office** at the MU Rector's Office. The Office is in charge of coordinating and supporting European grant schemes and similar international projects as well as national programme schemes with the exception of research and development projects.

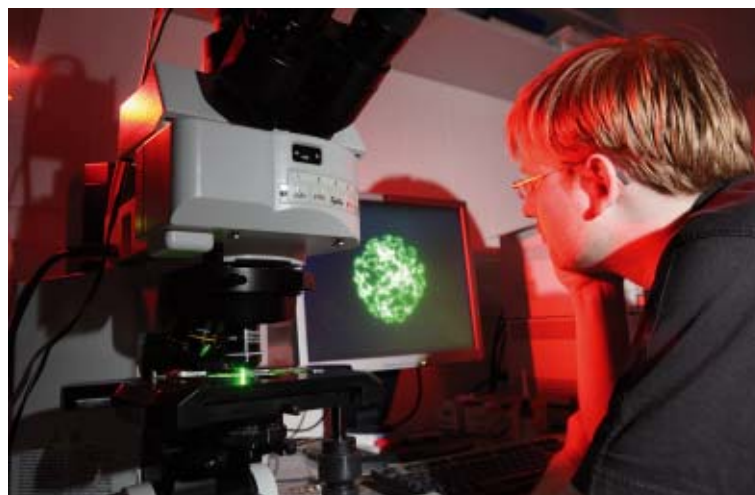
Projects within the framework of the **Development Programmes of the Ministry of Education, Youth and Sports** followed from the 2008 update to the *Strategic Plan*. Masaryk University participated in 41 projects and was allocated a total of 171,482,000 CZK in funding: 43,337,000 CZK in investment assets and 128,145,000 CZK in non-investment assets. Securing a total of 48 million CZK for 11 projects, MU became the most successful applicant in the Czech Republic with respect to acquiring state subsidies intended for centralized development projects.

The majority of development project funding – i.e. a total of 62,514,000 CZK – was invested in an equipment and modern technology development programme. The National Registry of Theses and Plagiarism-Tracing System, a joint project involving 17 universities, received a subsidy of 9,703,000 CZK and may be considered the most successful of the centralized projects.

In the course of 2008 Masaryk University successfully concluded the implementation of 15 projects falling under the **Human Resources Development Operational Programme**. The total

allocated subsidy for the 2005 to 2008 period amounted to 73,286,000 CZK. Only a relatively minor part of the programme remained to be implemented in 2008, requiring only the comparatively low sum of 11,900,000 CZK.

Masaryk University is likewise preparing proj-



ects under the Education for Competitiveness Operational Programme, applying for a total of 99 projects worth 1.1 billion CZK in 2008. Intensive preparation is also taking place regarding a number of projects under the Research and Development for Innovation Operation Programme.



Information Infrastructure



A very high-quality and – to a great extent – unique information infrastructure remains one of the university's strategic advantages; in a modern-day world, institutions such as MU are entirely dependent on efficient information systems. During the autumn 2008 semester, the Masaryk University website introduced an English-language course catalogue listing all degree programmes including course abstracts. Information in the catalogue is structured according to recommendations made by the European Commission and its primary objectives are helping foreign students as well as improving student mobility.



6.1. MU LIBRARIES

The Masaryk University library network consists of nine central faculty libraries, the Support Centre for Students with Special Needs library and 113 departmental and specialized libraries spread around the individual faculties. Central faculty libraries provide basic library and information services at faculties as well as offering methodological guidance to various departmental libraries. The MU Library Information Centre at the Institute of Computer Science is responsible for coordinating the library network on a university-wide level. More information about the MU library network and services may be found in the *MU Library Guide* (only in Czech), available both in print and electronic form at http://library.muni.cz/pruvodce_knihovnami.pdf.

The library collections house a total of 1.7 million volumes, an additional ca. 50,000 are added every year. In 2008 the library database listed 66,000 users and registered a total of 685,000 loans. Users may make use of the services and access the collections of any central faculty library regardless of where they are actually studying or working. The Aleph-MU – a university-wide

library system available at <http://aleph.muni.cz> – provides users with information about library collections at MU and at individual faculties as well as creating a support base for all library services.

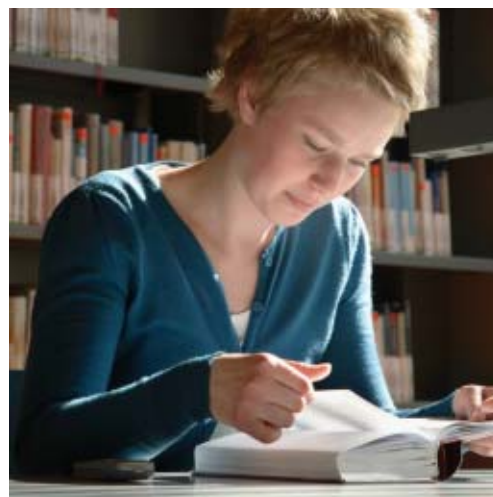
Electronic information resources received a great deal of attention throughout 2008. Securing accessibility to as wide a range of electronic information resources as possible was a top priority throughout the year, as well as facilitating research and development, providing users with new and effective tools for utilizing such resources and creating a system for resource management and tracking. Upon the termination of the Ministry of Education, Youth and Sports-funded Fact-finding Infrastructure for R&D project in 2008, i.e. the source of a number of grants providing MU with the financial means to purchase most of its electronic information resources, new joint projects focusing on securing key electronic information resources between 2009 and 2011 were prepared in partnership with other universities and new funding models developed.

Several tools facilitating effective access to electronic information resources were implemented: *SFX*, a tool linking related bibliographic and abstract databases and full-text resources on article level, and *MetaLib*, a tool enabling the user to search several resources within a given field. *MyLibScope*, a tool mapping electronic information resource use at MU by means of analyzing network traffic, was implemented in connection with developing digital library activities. Data collected by network probes registering data flowing from electronic information resources into the university network is processed by knowledge and information robots and subsequently visualized and presented to librarians. Presentations and training sessions focusing on selected electronic information resources were organized and users were provided with support regarding remote access to resources from outside the MU network; libraries



even organized e-learning courses and prepared electronic guides concerning work with electronic information resources.

Information about all electronic information resources available at MU is to be found at the relevant portal: <http://library.muni.cz/ezdroje> (Czech only).



6.2. MU ARCHIVES

During 2008, MU Archives were moved to the historical archival spaces in the Regional Authority building previously occupied by the Moravian Archive. The new location thus enables the MU Archives – the second largest university archives in the Czech Republic, housing over 1,658 metres of materials in 201 collections – to expand even further. The new spaces will henceforth enable the university to store documents of permanent historical and administrative value without restraint.

The acquisition of **personal collections of leading academic figures** linked to MU forms the second principal task entrusted to the Archives. Recently acquired collections include the extensive

personal collection of historian Jan Janák and the collections of art historian Zdeněk Kudělka and internist Konrád Ryšánek. Apart from actual archival work, i.e. processing and providing access to collections, the MU Archives were also involved in setting up the MU alumni database. In fact, the upcoming MU anniversary calls for a whole range of new tasks; among other things the Archives have been entrusted with preparing several exhibitions. Archive workers are also currently collaborating on two grant projects.

6.3. INFORMATION AND COMMUNICATION TECHNOLOGY

Information and communication technology (ICT) at MU is maintained and developed by the MU **Institute of Computer Science (ICS)**. The institute is responsible for running and developing the central computer system and university information systems and communication infrastructure as well as conducting research in selected ICT areas (grids, digital libraries, healthware, and programmable hardware). The ICS also manages the Supercomputer Centre Brno, the MU Library and Information Centre, the University Computer Centre and CESNET2, the national academic network regional centre.

Centralized Computer Systems

The central database server housing MU economic and administrative information systems was expanded in 2008; a process replacing server and user storage capacity in university computer rooms was also begun. Server capacity was greatly expanded, most importantly in the following IT security support areas: the virtual private network server and the certification authority and network security analysis servers. A new virtual computer system infrastructure has been developed, providing university users with centralized IT and data services in a system and user-defined environment of their choice. High-capacity data storage has likewise attracted much attention: both the number of centralized data services users as well as the volume of stored data have undergone significant expansion.

Computer Network and Communication Infrastructure

The University Campus at Bohunice was the first facility to be connected to the MU backbone network after capacity was increased to 10 Gbit/s in 2008. New fibre optic lines were built, currently resulting in a network consisting of over 110 km of

fibre optic cables linking 30 backbone routers and over 100 secondary localities. The entire network is directly connected to the fibre optic networks of the Brno University of Technology, Mendel University of Agriculture and Forestry and other organizations in Brno, thus effectively provid-

ICS Services:

- Centralized computer systems
- Data and voice network services
- Complex science, research and development-related calculations support
- Economics and administration and executive information systems
- Library systems and electronic information resources
- Computer rooms and building administration systems
- Computer safety
- Official MU online presentation
- Software and selected technical components purchasing and distribution
- Methodological IT laboratory and centre management

ing a connection to otherwise hard to access MU units as well as creating a backup connection in case of a cable reconstruction or network failure. In order to be able to support such an extensive network, the ICS has been developing an in-house information system incorporating technology used in geographical information systems.

Economic and Administration Information Systems

Continued development took place in several areas: information systems for use in science and research, economics and accounting, human resources and payroll management, administrative and filing services, etc. One of the most significant developments in 2008 was the launch of the



Information System for Projects Management (ISEP), which – apart from recording data relevant to MU science and research projects – allows research workers to plan and map resource application in economics, human resources and payroll management. The university-wide **SUPO** payment system enabling individuals to fulfil their financial obligations to the university was also improved.

Computer Rooms

The MU computer room network underwent significant expansion in 2008. Apart from the non-stop University Computer Centre (with over

18,000 students logging in 352,000 times in 2008), the integrated system provides all users with access to personal data and a user-defined environment from any computer room. The system now comprises six faculties and over 1,000 computers. The MU computer room infrastructure has proved to be robust enough, passing a test where a total of 1,000 computers were reinstalled and run in one day. The MU computer room concept has recently expanded by establishing connections with Microsoft and the University of Pardubice.

Computer Security

The Network Security Department, established by the ICS in 2008, handles MU network safety violations as well as monitoring and protecting the network itself and preventing incidents. Communication and collaboration with similar safety teams across Europe as well as in a world-wide context should serve to meet these objectives, eventually facilitating the establishment of an official and trustworthy CSIRT (Computer Security Incident Response Team) at the university. Department research activities include initiating the long-term CYBER project, financed by a grant from the Ministry of Defence of the Czech Republic, and an internal project called NetSec, focusing on verifying the application of technologies developed by Mycroft Mind and Invea-tech, spin-off companies established by MU in 2007.

6.4. MU INFORMATION SYSTEM

The Faculty of Informatics-based ICS is responsible for all study-related administrative procedures at the university; the MU Information System may be accessed at <http://is.muni.cz/>. The system comprises a number of administrative and communication services, electronic study support, alumni services and an online shopping centre.

Since 2008, the MU Shopping Centre has started offering a wide range of new services. Further development took place in the following areas: study administration, e-learning support, design (especially with respect to visually impaired students), security and university and inter-university project support.

Study Administration Support

Although administrative activities related to studies have been supported since 1999, a number of innovations have been implemented: diplomas and a complex set of certificates of school attendance have been added to the official document printing application, practical concerns have led to changes in the tuition fee assigning application, a register of bursaries for students in difficult social conditions has been added to the bursary

application in order to comply with nationwide student records, final theses are now searchable by topic and new control and statistical applications including a choice feature have been added to publications. Further developments include a new optical character recognition (OCR) application – used for digitalizing final theses as well as offered to individual users, support of students studying at two separate universities, and finally an inter-university project for detecting plagiarism in final theses (<http://theses.cz/>).

Science and Research

The Publication Records application has undergone several research-related changes. Automatic impact factor transfer has been vastly improved as has publication transfer into the nationwide Information Register of R&D Results. New options have become available for items registered in the Information Register of R&D Results and for items on record for the purpose of habilitation and professorship processes. A register of student projects facilitates electronic competition application, thus simplifying the entire administrative process linked to the Rector's Programme.

E-learning

The Elportal (MU E-learning Portal, <http://elportal.cz/>) implements a categorization of teaching publications including keyword, field of study and related criteria search. The portal also offers peer reviewing; 26 new teaching publications have already been published. A total of 40,821 students at all faculties have been tested electronically, some faculties have made use of electronic testing at entrance exams, state exams and diagnostic tests. Tests, surveys and polls may even be made available to users who are not MU students or employees. New questions types have been added and scanned tests are now colour-coded. Discussion forums have also been modified to suit user demand: innovative design and blog applications were added as well as thematic forums and forums accessible without a user login. The latter have been designed e.g. for prospective students discussing application procedures, learning potential tests and other issues connected with entrance examinations. An innovative Drill application helps students revise and learn new vocabulary.

Alumni Network

The Alumni Network application enables graduates to search the system and find their former classmates, create study groups, communicate, present information and photographs, etc. A total of 1,153 graduates had registered by 31 December 2008. The university also organized a photo collection presenting the university to alumni via a large number of documentary photographs.

MU Shopping Centre

All faculties are participating in the MU Shopping Centre project. Apart from a number of lifelong

Information System 2008 Statistics

- Number of users: 51,657
- Number of visits: 408,391,426
- Number of e-applications: 64,298
- Maximum number of users per day: 29,976
- Maximum number of pages in the system opened in one day: 2,582,949
- Maximum server performance: 582,420 requests processed per hour
- Total number of individual programmes in the system: approximately 2,200
- Total number of publication entries: 567,516 (90,042 listed in the Information Register of R&D Results)
- Help section: 86 sections (1,647 questions, 8 new comprehensive guides)

learning programmes, faculties are also using the Centre in order to offer courses to the general public, preparatory courses for entrance examinations to prospective students, and various seminars and courses to employees. The Centre also offers the possibility of clearing various administrative fees. It is now possible to make payments by credit card (VISA, Master Card), almost 30% of all customers currently use this option. Czech as well as international conferences, seminars, language school courses, sporting events and books are among the merchandise available through the Shopping Centre. In 2008 the centre listed a total of 16,140 customers, 1,969 services and a yearly turnover of 15.7 million CZK. The system has been localized into English.

More information about the MU Information System is to be found in a detailed annual report at http://is.muni.cz/clanky/2008_vyrocka.pl.

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

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

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

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

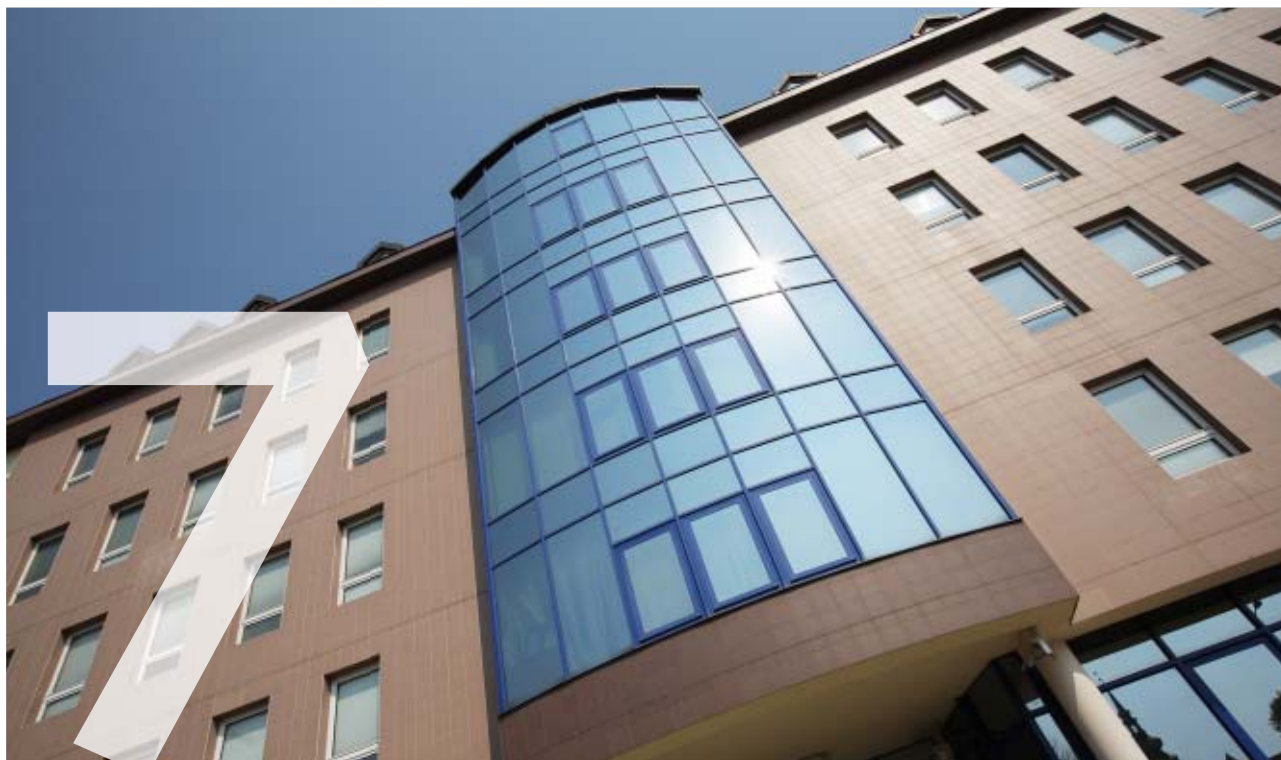
A total of 445 written requests concerning the provision of information were filed in 2008. In 15

cases the requested information fell outside the scope of MU competence; this was subsequently communicated to the individuals making the requests. A total of 379 requests concerned information already published by MU elsewhere; in such cases Internet addresses relevant to the information in question were provided. In the remaining 51 cases, requested information was provided within the legal deadline. No appeals against decisions rejecting a request for information provision were filed.

No court hearings concerning possible failure on the part of MU with respect to information provision pursuant to the Act took place in 2008. Neither the MU nor any of its employees were subject to sanctions for violation of the Act.



MU Faculties in 2008



Masaryk University is a dynamically developing university, currently educating over 41,000 students in a wide range of traditional as well as modern disciplines. In the 2008 academic year, Masaryk University successfully implemented a total of 230 degree programmes and 1,171 study fields at its nine faculties.



7.1. FACULTY OF LAW

Studies and Degree Programme Development

A total of 3,799 students were enrolled at the Faculty of Law as of 31 October 2008. Of these, 2,589 were enrolled in Law, a field of study in the Law and Legal Science full-time Master's degree programme, and 1,056 in the following fields falling under the Legal Specializations combined Bachelor's degree programme: Theory and Practice of Criminal Procedure, Public Administration, Legal Questions of Land Register, Law and Business, and International Commercial and Banking Law. A further 154 were enrolled in the Theoretical Legal Sciences doctoral degree programme. Though



there have been slightly fewer applicants, demand is still very high and greatly exceeds admittance target figures: a total of 7,715 applications were submitted and 1,051 applicants admitted.

As the first Czech faculty of law, the MU Faculty of Law has acquired accreditation for an MPA (Master of Public Administration) doctoral degree programme, implemented in collaboration with Nottingham Trent University in Great Britain. The programme offers new qualification advancement opportunities for public administration employees and officials. Acquiring the accreditation means yet another MU first in the area of internationally recognized doctoral degree programmes as well as another project carried out in partnership with the British university. In 2005 the Faculty of Law and Nottingham Trent University had launched a doctoral studies programme specializing in commercial law; graduates receive the internationally recognized title of LL.M. (Master of Laws).

The Faculty of Law also offers the university-wide European Economy, Administrative and Cultural Studies, an interfaculty Bachelor's field of study anticipating the need for versatile experts with all-around knowledge in all areas of social

practice necessary for Czech integration into the EU. The relevant areas are as follows: economic (Faculty of Economics and Administration), legal (Faculty of Law) and cultural and educational (Faculty of Arts).

Science and Research

Throughout 2008, the Faculty of Law continued investigation of a long-term research plan entitled The European Context of the Development of Czech Law after 2004. Existing grant projects administered by the Czech Science Foundation were also investigated – Legal Means and Strategies of Solving old Environmental Damages and Law Regulation of Local Self-Government in the Czech Republic – and a new one was initiated: Delicts/Torts from the Perspective of the Private International Law.

In 2008 the Faculty of Law organized or co-organized a number of international conferences. The most significant of these were e.g. the second year of "COFOLA" (Conference for Young Lawyers), a conference for doctoral students and young scientists, the second year of "Days of Law" – attended by over 300 experts from both the academic and commercial sectors of nine European countries, and "Cyberspace 2008", a multi-field international humanities conference focusing on information networks and related issues and co-organized with the Faculty of Social Studies.

The faculty continued to contribute to solving real legal problems by providing expertise, preparing applicable legislation proposals and – in relevant comment proceedings – even contributing to forming actual judicature. Faculty of Law academics are also involved in professional and advisory bodies and public administration bodies (Government Legislative Council, various advisory committees), sit on committees and control or supervisory boards of institutions such as the Czech Science Foundation, Grant Agency of the Academy of Sciences and Higher Education Development Fund, and participate in a wide range of scientific and educational associations.

Faculty Development and Cooperation in the Region

The Faculty of Law and the South Moravian Regional Authority collaborate in several areas: organizing student work placement, student competitions and scholarly conferences and seminars. The tenth year of the "Student Research Competition" took place in 2008. Several institutions supporting the competition by means of announcing topics and providing special prizes have been added in 2008: the Financial Directorate in Brno and ASPI Publishing. The first year of a new competition

called IUS et SOCIETAS may also be considered a success. The competition, taking place under the auspices of the Mayor of the City of Brno, was announced by the Faculty of Law and Jan Hus Educational Foundation and co-organized by the Constitutional Court, Supreme Court, Supreme Administrative Court, Supreme Public Prosecutor's Office and the Public Defender of Rights. In June 2008, also in cooperation with the Public Defender of Rights, the faculty organized an international workshop entitled "Legal Regulation of Local (and Regional) Self-Government". In September 2008, the Summer School of ICT Law took place in Wrocław, Poland. Among the collaborating institutions were Wirtschafsuniversität Wien and the law faculties in Pécs and Wrocław.

Faculty of Law academics presented a total of 93 papers at various international conferences and seminars while the faculty itself hosted a number of significant international lecturers and experts, who either gave lectures or even offered selective courses. A total of 14 selective courses in foreign languages took place in 2008: 12 in English, one in French and one in German. One new cooperation agreement was signed, establishing links to the Faculty of Law at Constantin Brancusi University of Targu-Jiu.

7.2. FACULTY OF MEDICINE

Studies and Degree Programme Development

A total of 4,323 students were enrolled in degree programmes at the Faculty of Medicine as of 31 October 2008: 738 in Bachelor's and 2,755 in Master's degree programmes. A further 830 students were enrolled in doctoral degree programmes. The overall number of applicants increased slightly in comparison to the previous year, 6,156 applications were submitted, i.e. 409 more than in 2007. However, as the faculty has reached its limits as far as student capacity is concerned, only 1,249 were admitted – a number similar to the previous year. As expected, Stomatology and General Medicine experienced the highest demand, while Physiotherapy and Dietitian were the most popular Bachelor's fields of study.

Two new degree programmes were opened in the 2008/2009 academic year: Radiology Assistant, a Bachelor's field of study within the Specializations in Health Science programme, and General Nurse, a combined Bachelor's field of study in the Nursing programme. The Laboratory Assistant field of study saw its first few graduates in 2008. The inter-university Biomedical Technology and Bioinformatics programme, organized in collaboration with the Faculty of Electrical Engineering and Communication of the Brno University of Technology, achieved a successful second year. A total of 120 students were admitted in the first year, a definite sign of considerable interest among applicants.

International students have had the opportunity to enrol in courses taught in English for 15 years now: General Medicine and Dentistry are both fully accredited English-language programmes. A total of 126 students were enrolled in the first year. However, the growing number of applicants exceeds yearly admission capacity. In the past few years applicants have been subjected

to improved entrance exams, thus enabling the faculty to choose only the best. 297 self-paying students from over 20 countries are currently studying at the faculty.

Science and Research

Research at the MU Faculty of Medicine carried out by theoretical departments is funded by the Czech Science Foundation and similar agencies. Actual medical research is carried out at the faculty and at faculty hospitals, generally within the framework of pre-clinical and clinical projects of the Ministry of Health of the Czech Republic.



lic. A number of departments and clinics of the Faculty of Medicine (Department of Biology, Department of Paediatric Oncology, etc) cooperate with institutes of the Academy of Sciences of the Czech Republic on the basis of independent projects. The very fact that the various departments and clinics participate in six long-term research projects and have established no less than





five research centres should be sufficient proof of the great number of research experts to be found at the Faculty of Medicine.

The unique ILBIT A3 structure, encompassing stem cell research teams from the University Cell Immunotherapy Centre and the University Research Centre – The Czech Myeloma Group, may also be considered a stable and successful undertaking. All long-term research plans and centres have ties to international units. The Department of Biology of the Faculty of Medicine has recently been incorporated into the worldwide stem cell research unit network, a significant success indeed. The unit is also responsible for coordinating human stem cell usage within the EU. Scientific collaboration between the Research Centre of Stomatology of the Faculty of Medicine and the Tokyo Medical and Dental University is another notable international connection.

Faculty Development and Cooperation in the Region

A number of student exchanges – either organized within the Socrates/Erasmus or IFMSA programmes – took place in 2008 as well as a total of 18 long-term doctoral student placements at various international units, predominantly in the USA. The president of IFMSA visited the faculty in the autumn. The faculty hosted 10 visiting professors from eight countries in 2008, most of them from European countries as well as some from USA and even Japan; in turn, six lecturers from the Faculty of Medicine travelled abroad.

Connections with two Japanese institutions were established in 2008: Toho University School of Medicine in Sendai and the Institute of Development, Aging and Cancer in Sendai. A contract concerning scientific collaboration between the Faculty of Medicine and prominent hospitals in Brno was also finalized. The faculty organized two open days specifically in collaboration with South Moravian secondary schools. The Faculty of Medicine placed first in a nationwide medical faculty poll published by *Hospodářské noviny* in February 2008.



7.3. FACULTY OF SCIENCE

Studies and Degree Programme Development

As of 31 October 2008 the Faculty of Science lists a total of 4,121 enrolled students, 3,744 of them from the Czech Republic. Demand is stable, applicant numbers vary according to fields of study: Biology, Geography and Biochemistry were among the most popular in 2008. Nearly 4,000 applications were submitted, one half of all applicants admitted and 1,802 applicants subsequently enrolled at the faculty.

Genomics and Proteomics, a new field of study in the doctoral degree programme, was submitted for accreditation in 2008. All seven doctoral and

four Master's degree programmes are accredited in English (i.e. 14 fields of study all told): Biochemistry (and specifically the following fields of study: Analytical Chemistry, Biochemistry, and Biomolecular Chemistry), Chemistry (Analytical Chemistry, Inorganic Chemistry, Physical Chemistry, Environmental Chemistry, Material Chemistry, and Organic Chemistry), Geology (Geology), and Physics (Biophysics, Condensed Matter Physics, Plasma Physics, Theoretical Physics and Astrophysics). No shift in demand concerning the above programmes has been registered.

The faculty co-organizes interfaculty studies in collaboration with the Faculty of Education, Faculty of Arts, Faculty of Informatics and Faculty of Sports Studies.

Science and Research

The traditionally high educational standard is firmly rooted in intensive research activity. In 2008, a number of departments took part in 11 long-term research plans (heading 8 as principal investigators and participating in a further 3 as co-principal investigators); furthermore, 10 research centres (5 with the faculty as principal and 5 as co-principal investigator) as well as ca. 80 research teams are currently based at the faculty. The faculty also succeeded in acquiring unique technologies and equipment: low-vacuum scanning electron microscope (Department of Geological Sciences), laser-induced fluorescence (Department



of Physical Electronics), crystallization robot (NCBR), genetic analyzer (Department of Botany and Zoology) and high- and low-resolution mass spectrometry (RECETOX).

In a scientific and application potential survey carried out by the Ministry of Education, Youth and Sports for the 2003 to 2007 period, the MU Faculty of Science placed third after the Faculty of Mathematics and Physics and Faculty of Science of Charles University in Prague.

Extensive international scientific and research collaboration likewise greatly contributes to the high number of international visiting professors: 29 foreign lecturers visited the faculty within the INNOLEC programme. The faculty supports promising young researchers, providing them with international work experience, etc; participation in several notable international projects (e.g. EMBO) provides the faculty with both interesting connections and invaluable know-how. Reaching and maintaining a high research potential is one of the faculty management's top priorities.

Faculty Development and Cooperation in the Region

The faculty has submitted 8 projects for inclusion into area 2.2 and 6 projects in area 2.3 of the Education for Competitiveness Operational Programme. Preparation of projects in area 2 of the Research and Development for Innovation Operational Programme has begun as well. Several units continue to participate in preparing the Central European Institute of Technology (CEITEC) project in the live and material science area.

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

Renovation of the Kotlářská street complex was finished; the grand opening took place on October 20, 2008. A metal sculpture by Pavel Tasovský entitled "Ano" was unveiled at the event. Due to

Major International Events and Conferences

- "Advances in Structural Studies of Large Protein-Nucleic Acids Complexes", meeting, 1–2 February 2008
- 23rd "Central European NMR Discussion Groups", meeting, 20–23 April 2008
- 17th "European Vegetation Survey" international conference: "Using Phytosociological Data to Address Ecological Questions", 1–4 May 2008
- 10th "IMWA congress: Mine Water and the Environment" (International Mine Water Association), 2–5 June 2008
- Second "Central European Symposium on Plasma Chemistry", 31 August – 8 September 2008
- "Popularizing Kurt Gödel's Work", symposium, 12–13 September 2008

ongoing construction at the University Campus at Bohunice, Department of Biology units remain in their current substitute locations in the Řečkovice barracks while lectures continue to be held in the Brno University of Technology lecture hall on Údolní street.

The faculty co-organized two notable events for the public: Science Festival (20 September 2008) and Researchers' Night (26 September 2008). Researchers' Night took place within the Seventh Framework Programme and in collaboration with the Brno Observatory and the Faculty of Chemistry of the Brno University of Technology. The traditional Garden Party was also held in September; the encounter between the academic community and significant political, cultural, public and business figures took place in the unconventional interiors and exteriors of the Botanical Garden.

7.4. FACULTY OF ARTS

Studies and Degree Programme Development

A total of 9,615 students were enrolled at the Faculty of Arts as of 31 October 2008, i.e. an interannual increase of 7%. 13,636 applications were submitted and 4,469 students enrolled in their first year.

Bachelor's fields of study newly accredited in 2008 include Philological-Areal Studies, Mediterranean Studies, and Scandinavian Studies while a significant number of new fields have been added in the Master's degree programme: Philological-Areal Studies, Andragogy, Literature Comparatistics, English-language Translation, German-language Translation, French-language Translation,

Russian-language Translation, and Slavonian Studies. The above are the first translation fields of study ever accredited at MU. One of the new Bachelor's fields of study is being implemented in collaboration with international universities as a so-called joint degree: Dutch Language, Literature and Culture in a Central European Context. The faculty is responsible for co-organizing the European Economy, Administrative and Cultural Studies field of study in collaboration with the Faculty of Economics and Administration and the Faculty of Law.

There has been a slight increase in interest regarding doctoral studies; however, doctoral



students only account for a mere 7% of the total. This in spite of the fact that there are 31 fields of study in six degree programmes, including several taught in foreign languages: Indo-European Comparative Linguistics, Scientific Study of Religions, Musicology, Klassische Philologie, Mittellateinische Philologie, and Musikwissenschaft.

Science and Research

Interdisciplinary research proceeds most notably within three long-term research plans: the Interdisciplinary Centre for Research into Prehistoric to High Medieval Social Structures, the Research Centre for Central-European History: Sources, Land, Culture, and the Centre for the Interdisciplinary Research of Ancient Languages and



Major International Events and Conferences

- "Towards the Self, Others and the Profession. The Personal and Social development of Educators", conference, 19–20 March 2008
- "Temps et Espace – Tiempo y Espacio – Tempo e Spazio – Tempo e Espaço", conference, 27–30 March 2008
- "Neurons and/or Soul?", conference, 26–27 April 2008
- "TransEuropa II – Early Modern Drama", conference, 19–23 June 2008
- "Popularizing Kurt Gödel's Work", symposium, 12–13 September 2008
- "The Nobility through the Ages", conference, 16–18 September 2008
- "Leoš Janáček: Creation within European Culture", colloquium, 29 September – 1 October 2008
- "JUDr. Václav Kounic and his Age", conference, 29 September – 1 October 2008
- "Banned Literature IV", conference, 11–12 November 2008
- "German Speaking Population in Czechoslovakia after 1945", conference, 12–14 November 2008
- "Infokon: Inspiration, Innovation, Imagination", conference, 17 November 2008
- "Fridrich Bridelius SJ – Still New and Unknown", conference, 28–30 November 2008

Older Stages of Modern Languages. The faculty is also involved in the REVACERN FP6-2004-CITIZENS-5 Coordination Actions framework programme project Religions and Values: Central and Eastern European Research Network (a consortium of 10 units).

In 2008, the faculty oversaw a total of 24 standard and 12 post-doctoral projects funded by the Czech Science Foundation (the FA also co-participates in another 3 grants) and 7 projects (including 3 junior ones) financed by the Grant Agency of the Academy of Sciences. A further 13 projects were administered by the Higher Education Development Fund. The Dean's Grant Fund is another source of financial support, especially for small research and publication projects.

The nearly five-year-long research project entitled Adult Education in Various Stages of the Life Cycle: Priorities, Opportunities and Possibilities of Development and financed by a Ministry of Work and Social Affairs of the Czech Republic was brought to a successful close in 2008.

A Department of Educational Sciences research team is currently working on a project commissioned by the Ministry of Education, Youth and Sports: Creating a Proposal for a Strategy for Operational Programmes Administered under the Authority of the Ministry of Education, Youth and Sports in the Period 2007–2013.

The Faculty of Arts also houses the following: the Academic Centre of Counselling and Supervision (financed by the European Social Fund and the Czech government), the Academic Centre of the Personal Development (financed by the European Social Fund) and the Academy of Ancient Music.

Faculty Development and Cooperation in the Region

A number of local and international conferences, symposiums and colloquiums took place in 2008. The eighth conference of the European Association for the Study of Religions entitled "Time of Decline, Time of Hope: Scientific, Cultural and Political Engagement of the Study of Religions" took place in September. The Centre for the Interdisciplinary Research of Ancient Languages and Older Stages of Modern Languages organized a conference focusing on old Indo-European languages (Greek, Latin, Gothic, Old Church Slavonic, etc) and the early stages of modern languages as perceived by present-day linguistics. The 41st year of Summer School of Slavonic (Czech) Studies and the 2nd year of Science Week – including lectures and presentations of various fields – were likewise held at the faculty.

7.5. FACULTY OF EDUCATION

Studies and Degree Programme Development

As of 31 October 2008, 6,691 students were enrolled at the faculty: 3,995 in Bachelor's degree programmes, 1,047 in long-cycle Master's degree programmes and 1,456 in Master's degree programmes. Fields of study combining English Language, Special Education and Social Education are among the most popular while science-related fields such as physics and chemistry were generally found towards the opposite end of the spectrum. The faculty has four accredited doctoral degree programmes; 88 full-time and 105 combined (i.e. a total of 193) doctoral students were enrolled as of 31 October 2008. There has been a slight increase in the popularity of the Pedagogy doctoral programme while demand for the other programmes has not changed (Special Education, Musical Theory and Pedagogy and Art Education). The overall number of doctoral students is limited by the number of available supervisors, especially with respect to maintaining a sufficiently high quality of studies.

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

Several doctoral fields of study are accredited in a foreign language: Special Education and Art Education in German and Special Education in English. However, demand for studies in a foreign language has so far proved to be only sporadic.

Science and Research

Research at the Faculty of Education focuses on educational and pedagogical disciplines. Experts from all departments continued to work on two long-term research plans; School and Health for the 21st Century was in its fourth year in 2008 while Special Needs of Pupils in Context with Framework Educational Programme for Primary Education only started in 2007. The Educational Research Centre continued to work with Charles University in Prague on the Research Centre on Schooling project and began implementing National Research Programme II, a project aimed at promoting technical disciplines at primary schools. The faculty was investigating seven projects funded by the Czech Science Foundation.

Joint research and development projects are the most common form of collaboration with international partners. One new grant funded

by the European Commission was accepted in 2008: a Leonardo da Vinci programme project. The CEEPUS programme facilitates collaboration with Bosnia and Herzegovina and Slovenia. The faculty continued to investigate a number of projects begun in previous years: one in the Jean Monnet programme, two in Leonardo da Vinci, two in Comenius and one in Grundtvig. The Departments of Physics and Psychology submitted a total of three project proposals in the Seventh Framework Programme.

Due to the great number of fields studied at the faculty, joint projects with e.g. institutes of the Academy of Sciences of the Czech Republic,



government research institutes and other institutions are many and varied, both concerning research and educational activities. Long-term partnership is not limited to research institutions; the faculty also works with e.g. the Refugee Facility Administration of the Ministry of Interior, the Museum of Romany Culture in Brno, Lipka – an environmental educational centre, Ecological Institute Veronica Brno, the Brno House of Arts, etc.

The Faculty of Education is also working with the Textile Testing Institute on a research project funded by the Ministry of Education, Youth and Sports: Development and Pilot Testing of Methodology for Creating and Using Didactic Tools which Propagate Technical and Scientific Disciplines and Research in Tuition in Basic Schools.

Faculty Development and Cooperation in the Region

In 2008 a total of 385 academics travelled to 33 countries in connection with various international conferences, joint undertakings or in pursuit of individual projects. Every year the faculty organizes a number of important international





events. Two conferences were held in connection with the School and Health for the 21st Century and Special Needs of Pupils in Context with Framework Educational Programme for Primary Education long-term research plans; international lecturers attended several events focusing on dramatic education. The faculty also organized three videoconferences between MU students and students at the University of Applied Sciences in Jyväskylä, Finland, as well as several concerts of the Masaryk University Choir and a number of linguistic meetings.

Furthermore, students financing travel from faculty research projects receive faculty support. The faculty has also initiated the construction

and operation of a leisure centre in the Bié province in Angola. FE students and teachers have prepared a plan including an offer of social activities for children and adolescents; construction of the educational centre has begun in collaboration with People in Need. The entire project is financed by the Ministry of Foreign Affairs of the Czech Republic within the framework of the International Development Cooperation Programme.



7.6. FACULTY OF ECONOMICS AND ADMINISTRATION

Studies and Degree Programme Development

As of 31 October 2008, a total of 4,468 students were enrolled at the faculty: 2,760 in Bachelor's degree programmes, 881 in long-cycle Master's degree programmes, 577 in Master's degree programmes and 173 in doctoral degree programmes. Demand for studies is on the rise: in 2008 the faculty registered an increase of 6%.

Administration Publique (Public Administration), a field of study in the Economic Policy and Administration Master's degree programme is accredited in French and as such co-supervised by Masaryk University and the Université de Rennes 1 (France). Lectures are taught by Czech and French professors: half of the courses are in Czech and half in French. The aim is to prepare highly

qualified public administration specialists. A total of 47 students were enrolled in the 2008/2009 academic year.

Science and Research

The Development of Monetary Economic Relations in Moravia in the 13th century project was successfully finalized in 2008 (in collaboration with the Moravian Museum). The resulting manuscript contains an analysis of the period in question as well as a comprehensive catalogue.

The faculty houses the Research Centre for Competitiveness of Czech Economy, an analytical unit focusing on the application of social sciences results in the area of competitive abilities and their industrial and political implications in connection to fulfilling the goals set out by the Lisbon Strategy. The Centre for NonProfit Sector Research – a joint research institute run by the Society for the Study of the Nonprofit Sector and the Faculty of Economics and Administration – concentrates on a permanent and systematic investigation of the economics of non-profit organizations in the Czech Republic. The Institute for the Financial Market focuses on implementing scientific and research findings in financial marketing, consumer protection and financial literacy, emphasizing its practical application. The Institute's objectives also include developing workers' professional standards in a variety of financial market sectors as well as improving consumers' financial literacy. In 2008 the Institute published a collection of proceedings from an international seminar: *Derivatives and Risk Management in the New EU Regulatory Landscape*.

Further partners of the faculty include: the Research Institute for Labour and Social Affairs, the Society for the Study of the Nonprofit Sector and the Transport Research Centre. In collaboration with the South Moravian Tourist Authority, research workers of the Faculty of Economics and

Major International Events and Conferences

- "Public Policy and its Effectiveness – Determinants of Public Sector Management Rationale", seminar, 24–25 January 2008
- "Corporate Competitiveness", international conference, 5–6 February 2008
- Réseau PGV international scientific and research network committee meeting, 23–24 May 2008
- 11th "International Colloquium on Regional Sciences", 18–20 June 2008
- "European Financial Systems 2008", international scientific conference, 25–26 June 2008
- "Guaranteed Commodity Trading on Commodity Exchanges", international scientific conference, 25–26 June 2008
- "Trade with Agricultural Commodities", special workshop, 21 October 2008
- "Telč 2008 – Competition in Railway Transport", seminar, 13 November 2008
- "Implementing of Praxis and Internships at Universities", seminar, 13–14 November 2008

Administration also carried out a representative sociological survey exploring the specific nature and symbolism of the South Moravian Region.

Faculty Development and Cooperation in the Region

The faculty has systematically started to prepare long-term plans for the Education for Competitiveness as well as the Research and Development for Innovation Operational Programmes. The faculty has been working with dozens of organizations from the both the public and private sectors with the primary objective of reflecting market requirements. As far as long-term development projects are concerned, the faculty has carried out a test run of a “student incubator”, co-organized in partnership with the Faculty of Law and exposing graduate students to actual market conditions. In order to present studies in a more attractive and practice-oriented manner, the faculty has also initiated TopSeC, a student excellence programme incorporating experts from selected partner organizations.

The faculty also works in close collaboration with the South Moravian Regional Authority, especially



concerning final theses. A number of theses focus on analyzing the absorption capacity of individual micro-regions. Students as well as academics also collaborate with the Brno City Municipality, preparing e.g. component plans mapping the economic and non-economic aspects of areas considered suitable for revitalization.

7.7. FACULTY OF INFORMATICS

Studies and Degree Programme Development

The faculty currently boasts a total of 22 fields of study in Bachelor's and Master's degree programmes, two fields have been added in 2008. The number of applicants is slightly on the rise, especially due to an increase in the number of freshly enrolled Master's studies students, i.e. including students coming from other universities. Bachelor's studies have registered no significant change in the number of applicants or admitted students in the past two academic years. There are currently 2,381 students at the faculty, one quarter of them from Slovakia. Several new fields accredited in 2007 are becoming increasingly popular, indicating that those applying for Bachelor's studies prefer practically-oriented and applicable fields.

Throughout 2008 the faculty has continued its efforts in preparing several interdisciplinary fields. A new Bachelor's field of study entitled Public Administration Informatics, opening in the 2009/2010 academic year, has been set up in collaboration with the Faculty of Law. Other interfaculty fields include Social Informatics (with the Faculty of Social Studies) and Systems Biology (with the Faculty of Science).

A new Master's field of study has also been accredited in 2008: Service Science, Management and Engineering. The programme focuses on preparing information and communication technology services experts and is fully taught in English. Created in collaboration with IBM, it is presented

as a pilot field for the Czech Republic and implemented as a joint programme in partnership with the University of Porto. The Embedded Systems field of study is also accredited in English. The field focuses on issues connected to the development of embedded systems, providing students with specific information required for work with programmable components as well as knowledge of parallel and distributed systems, computer networks and cryptography. Interest in the field has been on the rise ever since it was first opened in 2007. All doctoral fields of study at the faculty are accredited in English; nevertheless, interest among international students remains relatively low.

Science and Research

A number of research teams are participating in a faculty-wide long-term research plan entitled Parallel and Distributed Computer Systems. Faculty research teams have likewise strengthened their ties to the industrial sector. The faculty houses several specialized research laboratories; e.g. the Human-Computer Interaction Laboratory which focuses on research into virtual and augmented reality. The faculty concentrates on implementing unique feedback devices in the study of multimodal interaction used e.g. in protein structural analysis. The Parallel and Distributed Systems Laboratory, another affiliated centre, has recently completed DiVinE, a unique distributed-memory enumerative model-checking tool for concurrent





systems verification; it has already been successfully employed in biological systems regulatory mechanisms analysis. The Laboratory of Optical Microscopy is investigating the automation of scanning and analysing optical microscope images, especially with respect to assessing images of tissue, cells, karyosomes, chromosomes and genes. Instruments developed by the laboratory for the



above purposes are unparalleled on a world-wide scale. Activities at the Advanced Searching Methods for Digital Data laboratory are primarily centred around MUFIN, a unique project which was recently awarded the 2008 *IBM Shared University Research Award*.

The faculty also houses four research centres, jointly run by several co-principal investigators: the Institute of Computer Science, Institute of Mathematics, Institute of Biophysics, and the Czech Language Institute, all units of the Academy of Sciences of the Czech Republic.



Faculty Development and Cooperation in the Region

The Association of Industrial Partners, a body coordinating collaborative efforts between the faculty and industrial corporations, has entered its second year of operation in 2008. The primary objective of the partnership is organizing joint scientific and research projects facilitating the incorporation of doctoral thesis projects as well finding external financial sources to support them. The faculty is also interested in extending collaboration on specific industrial projects in connection to Bachelor's and Master's theses. The faculty is currently working with 17 corporate partners; three of them (ANF DATA, Red Hat Czech and Seznam.cz) are strategic partnerships. Throughout 2008, the faculty's industrial partners have also greatly contributed to preparing projects under the Education for Competitiveness Operational Programme.

The faculty also continues to collaborate with ERCIM (European Research Consortium for Informatics and Mathematics), an international nongovernmental research association. Partnership with the organization has both facilitated integration and allowed the faculty to adapt to collaboration conditions common among EU research institutions as well as to apply for EU projects as members of international teams; the faculty is now also joining association work groups and participating in ERCIM exchange programmes – the Fellowship Programme and the Mobility Programme.



7.8. FACULTY OF SOCIAL STUDIES

Studies and Degree Programme Development

A total of 4,337 students were enrolled at the Faculty of Social Studies as of 31 October 2008: a 5 % increase over 2007 figures. The inter-annual increase in student numbers typical of previous years has recently started to slow down. However, interest in studies at the faculty was once again substantial: 9,728 applicants submitted a total of 11,628 applications and 2,791 were subsequently admitted. Of these, 1,841 eventually enrolled in studies. The ratio of applicants to admitted students is currently 18 %, ranking the Faculty of Social Studies on a par with the Faculty of Law

as the two most exclusive faculties at Masaryk University.

A new Master's field of study entitled Security and Strategic Studies was accredited and saw its first students in 2008. The field concentrates on a social science approach to issues of security and strategy on various levels – from regional to global. The objective of the field is to introduce the theories and methods used in the field as well as presenting threats to security, security policy and strategic thought in the area of security studies.

Two degree programmes at the Faculty of Social Studies are taught in a foreign language: European Politics and Sociology.

Science and Research

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

The faculty also participated in international research teams investigating EU programmes, e.g. the following Sixth Framework Programme projects: Civil Society and New Forms of Governance in Europe – The Making of European Citizenship, Growing Inequality and Social Innovation: Alternative Knowledge and Practice in Overcoming Social Exclusion in Europe and Reconciling Work and Welfare in Europe, as well as one project under the EU's Seventh Framework Programme: Ethnic Differences in Education and Diverging Prospects for Urban Youth in an Enlarged Europe.

In connection with investigating the individual topics and programmes, faculty units closely collaborate with the Academy of Sciences of the Czech Republic, i.e. with the Institute of Psychology and the Institute of Sociology. Further research activities take place within the framework of joint projects with government units, primarily the Research Institute for Labour and Social Affairs of the Czech Republic. The faculty likewise collaborates with other domestic as well as international universities and research institutions, either working on joint grants or in terms of faculty academics' participation in such institutions' grant projects. Such projects include the Modern Society and its Changes programme, administered by the Ministry of Labour and Social Affairs and partnership with regional and community authorities, e.g. the South Moravian Regional Authority and the Brno City Municipality. Partnership with non-governmental organizations centres on issues such as social prevention and intervention, minorities, the Romani ethnic group and environmental restoration and conservation. Landscape Character as a Key Feature of the Czech Cultural Landscape and its Protection, a project under the National Research Programme II, is a joint project run by the faculty and Löw & co.

Faculty Development and Cooperation in the Region

The Faculty of Social Studies has been commemorating the tenth anniversary of its founding throughout 2008. Celebrations started in January: the Faculty of Social Studies Scientific Board presented awards to six people who had most

contributed to establishing the faculty and its subsequent development.

The "Ten Years of Research in Social Sciences" conference – held in May – served as a platform for presenting the most recent research results as well as current trends in fields studied at the faculty. In connection with the faculty's tenth anniversary, two MU honorary doctorates were awarded to distinguished experts in social sciences: Joachim Jens Hesse, director of the International Institute for Comparative Government and European Policy in Berlin, and Stein Ringen, professor of sociology and social political science at the University of Oxford.

A number of international conferences and workshops took place at the faculty throughout the year, including the eighth year of "Conflict in Identities, Identities in Conflict" and – in partnership with the Faculty of Law – the sixth year of "Cyberspace". The international workshop "Party Systems in the Western Balkans" took place in May while a sociological workshop entitled "Cultural Capital and Educational Inequalities: Concepts, Methods, Strategies and New Configurations" was held in October. Michaëlle Jean, Governor General of Canada, visited the university in



November and – along with a number of experts from the Faculty of Social Studies – took part in a discussion entitled "Canadian Cultural Diversity: Gender, Minorities and Public Life".

Petr Fiala and Miroslav Mareš are co-authors of *L'Espace Wallonie-Bruxelles. Voyage au bout de Belgique*, which has received the prestigious »Le Prix du Livre politique« award for best political science publication.



7.9. FACULTY OF SPORTS STUDIES

Studies and Degree Programme Development

A total of 1,317 of students were enrolled at the Faculty of Sports Studies at the end of 2008, i.e. an increase of 7% over the previous year. 1,896 applications were submitted, resulting in 609 freshly enrolled students.

Throughout the existence of the faculty, Physical Education and Sports – a single-subject field – has been the most popular, especially due to a range of both traditional and newly opened specializations, making it even more attractive for prospective students: e.g. Sports Management, offered in partnership with the Faculty of Economics and Administration, Coaching, and Regeneration and Nutrition in Sport. There is also a great degree of interest in combined Master's studies: Applied Sport Education of Security Bodies and Lower and Upper Secondary School Teacher Training in Physical Education. Kinesiology, a four-year doctoral programme was accredited in 2008.

As far as interfaculty degree programmes are concerned, the Faculty of Sports Studies collaborates primarily with the Faculty of Education, Faculty of Social Studies, Faculty of Arts and Faculty of Informatics. It is possible to combine fields of study in both Bachelor's and Master's degree programmes. Combinations linking physical education and fields such as geography, journalism and English language have proved most popular.

The faculty spent much of 2008 preparing for a mass re-accreditation of all current fields of study as well as preparing brand new fields for accreditation.

Science and Research

Two projects in partnership with the Ministry of Health were investigated at the Faculty of Sports Studies in 2008. The first of these was Help, but Safety First! – a project centred on drafting a methodological handbook for teaching first aid at South Moravian secondary schools (the South Moravian Region also supported the project), while the second project, Movement Activity Fighting Modern Diseases – Pilot Study, resulted in setting up a sports and nutrition programme for those threatened by the hazards of a sedentary lifestyle.

Investigation of two projects funded by the Czech Science Foundation also begun in 2008: Teachers in the Late Phase of their Career and Typology of Physical Education Teachers Depending on their Patterns of Interaction. The faculty likewise participates in a long-term research plan investigated at the Faculty of Education (Department of Special Education and Department of Psychology).

The Faculty of Sports Studies houses the Biomotor Laboratory, a unique unit designed to help students understand both basic locomotion as well as complicated sports-related movement patterns, all of this with the aid of modern technology such as 2D and 3D kinematic and dynamic analyses of movement structures.

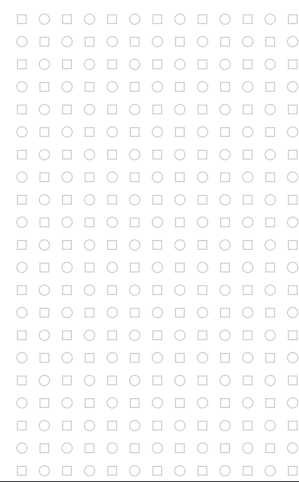
Faculty Development and Cooperation in the Region

In 2008, faculty academics continued to develop established international activities, especially with respect to participation in conferences and seminars as well as teaching abroad. New partnership contracts with international universities were also set up, most often in connection with student and teacher mobility (University of Valencia, Constantine the Philosopher University in Nitra). Preparation of a joint doctoral degree programme in Kinesiology/Kinesiology in collaboration with the University of Zagreb and University of Lublin also made headway; the programme is being prepared within the framework of the Internationalization development project.

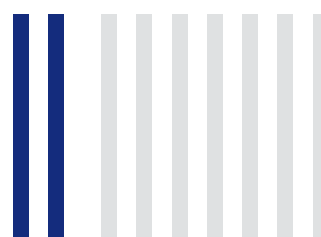
In November 2008, the Faculty of Sports Studies organized the sixth international scientific conference "Sport and Quality of Life", focusing primarily on the principal topic of "Movement against Obesity". The conference drew over 200 experts from 10 countries as well as a number of MU students, especially from the Faculty of Sports Studies, Faculty of Education and Faculty of Medicine. The faculty also co-organized the 2008 Academic Cross-Country Skiing Championship.

Within the MU counselling development project, the Nutrition Advisory Centre was set up in the faculty complex at Komárov while the Faculty of Education provided gym space for psychomotor therapy for MU students and teachers (including senior citizens from the University of the Third Age).

The Faculty of Sports Studies also organized a special open day in connection with partnership with secondary schools; a considerable number of high-school students attended the event.



Basic Facts and Figures





Rector's Office

MU Organizational Structure

MU faculties

Faculty of
Law

Faculty of
Medicine

Faculty of
Science

Faculty of
Arts

Faculty of
Education

Faculty of
Economics and
Administration

Faculty of
Informatics

Faculty of
Social Studies

Faculty of
Sports Studies

University institutes

International
Institute of
Political Science

Institute of
Computer
Science

Other units

University
Archives

Language
Centre

Support Centre
for Students
with Special
Needs

Office for
International
Studies

Regional
Development
Centre

Technology
Transfer Office

Institute of
Biostatistics and
Analyses

Mendel
Museum

University support services

Accommodation
and Catering
Services

University Press

University
Centre Telč

Management
of the University
Campus at
Bohunice

Names and Addresses

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

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., LL.M.

Rector

Prof. Ing. Antonín Slaný, CSc.

Vice-Rector for Studies

Prof. RNDr. Jana Musilová, CSc.

Vice-Rector for Research and Development

Assoc. Prof. JUDr. Jan Svatoň, CSc.

Vice-Rector for Student Welfare and Lifelong Learning

Assoc. Prof. PhDr. Mikuláš Bek, Ph.D.

Vice-Rector for Strategy and External Relations

Prof. RNDr. Ivana Černá, CSc.

Vice-Rector for Information Technologies

Prof. MUDr. Ivan Rektor, CSc.

Vice-Rector for Development

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

Bursar

Mgr. Jiří Nantl

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

Organizace	Stát	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	Chair
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
Euro-Mediterranean University (EMUNI)		
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	Czech Republic	Member
South Moravian Innovation Centre	Czech Republic	Member
Czech Rector's Conference (CRC)	Czech Republic	Member
Council of Higher Education Institutions of the Czech Republic	Czech Republic	Member
CEITEC	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

PhDr. Jitka Vitásková

Deputy Director, Brno House of Art, 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

Head of the Region Division of the State Agricultural Intervent Fundus

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

Mgr. Petr Pleva

Member of the Chamber of Deputies of the Czech Republic

PhDr. Miloš Růžička, Ph.D.

Senior partner, Bison & Rose

Mgr. Bohuslav Sobotka

Member of the Chamber of Deputies of the Czech Republic

PhDr. Richard Svoboda

Member of the Senate of the Czech Republic

Prof. Pavel Švanda

Professor, Theatre Faculty, Janáček Academy of Music and Performing Arts in Brno

Mgr. Bohuš Zoubek

Member of the Board of Czech Radio

Mgr. Jiří Nantl

Faculty bursar

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. RNDr. Ivana Černá, CSc.

Faculty of Informatics

Prof. MUDr. Zuzana Derflerová Brázdová, DrSc.

Faculty of Medicine

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

Faculty of Social Studies

Assoc. Prof. RNDr. Milan Gelnar, CSc.

Faculty of Science

Prof. RNDr. Jozef Gruska, DrSc.

Faculty of Informatics

Prof. RNDr. Josef Humlíček, CSc.

Faculty of Science

Assoc. Prof. PhDr. Michal Charvát, CSc.

Faculty of Sports Studies

Prof. RNDr. Jaroslav Koča, DrSc.

Faculty of Science

Prof. PhDr. Josef Krob, CSc.

Faculty of Arts

Prof. PhDr. Jiří Kroupa, CSc.

Faculty of Arts

Prof. PhDr. Petr Kyloušek, CSc.

Faculty of Arts

Prof. MUDr. Jindřich Lokaj, CSc.

Faculty of Medicine

Assoc. Prof. JUDr. Ivan Malý, CSc.

Faculty of Economics and Administration

Prof. MUDr. Jaroslav Meluzín, CSc.

Faculty of Medicine

Prof. PhDr. Ivo Možný, CSc.

Faculty of Social Studies

Prof. RNDr. Jana Musilová, CSc.

Faculty of Science

Prof. 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

Assoc. Prof. Ing. Martin Svoboda, Ph.D.

Faculty of Economics and Administration

Prof. PhDr. Rudolf Šrámek, CSc.

Faculty of Education

Assoc. Prof. RNDr. Josef Trna, CSc.

Faculty of Education

Prof. MUDr. Jiří Vorlíček, CSc.

Faculty of Medicine

Prof. RNDr. Jiří Zlatuška, CSc.

Faculty of Informatics

Prof. MUDr. Jan Žaloudík, CSc.

Faculty of Medicine

Internal members

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

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

Four meetings of the scientific board were held in 2008. Items on the regular agenda included information and discussions regarding Masaryk University activities, discussing professorship appointments and proposals for honorary doctorates as well as Golden and Silver MU Medals. The Scientific Board discussed 15 professorship appointments, 14 of them successfully (one of the proceedings was terminated).

Approved professorship proposals

Assoc. Prof. MUDr. Vladimír Černý, Ph.D.
Charles University Faculty of Medicine in Hradec Králové, Anaesthesiology, Intensive Medicine and Algeziology

Assoc. Prof. JUDr. Jaroslav Fenyk, Ph.D., DSc.
Criminal Law

Assoc. Prof. PhDr. Milada Franková, CSc., M.A.
History of Concrete Literatures, Germanic Literatures

Assoc. Prof. MUDr. Radek Hart, Ph.D.
Znojmo hospital, Surgery

Assoc. Prof. PhDr. Tomáš Knoz, Ph.D.
History

Assoc. Prof. Dr. Jiří Kozelka
Inorganic Chemistry

Assoc. Prof. MUDr. Marie Nováková, Ph.D.
Medical Physiology

Assoc. Prof. PhDr. Milan Pol, CSc.
Pedagogy

Dr. habil. Janusz Rak, M.D., Ph.D.
McGill University in Montreal, Oncology

Assoc. Prof. MUDr. Martin Smrčka, Ph.D., MBA
Surgery

Assoc. Prof. MUDr. Miroslav Souček, CSc.
Internal Medicine

Assoc. Prof. MUDr. Pavel Šlampa, CSc.
Oncology

Assoc. Prof. RNDr. Jiří Šponer, DrSc.
Institute of Biophysics AS CR, Biomolecular Chemistry

Assoc. Prof. RNDr. Zdeněk Wimmer, DrSc.
Institute of Experimental Botany AS CR, Organic Chemistry

Table 1.2 Proceedings for professorships discussed by the MU Scientific Board in 2008

Faculty	Professors			Associate Professors		
	Total	of which MU	Terminated	Total	of which MU	Terminated
FL	1	1	0	1	1	0
FM	7	4	0	11	8	0
FS	3	0	0	3	2	0
FA	3	3	1	8	4	0
FE	1	1	0	3	1	0
FEA	0	0	0	1	0	0
FI	0	0	0	2	2	0
FSS	0	0	0	6	5	0
FSpS	0	0	0	2	1	0
Total	15	9	1	37	24	0

Table 1.3 Professorship and habilitation proceedings at MU – total

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Professors	13	18	11	30	22	25	24	13	13	18	25	15
Mean age	54.9	54.6	49.6	54.6	50.7	52.4	51.1	51.6	47.9	52.6	48.0	54.0
Associate Professors	57	69	46	42	24	40	39	58	38	39	37	37
Mean age	48.2	48.0	45.1	48.9	46.2	45.8	47.9	45.3	46.4	44.0	45.0	41.0

ACADEMIC SENATE *

	Chair	Vice-chairs
	JUDr. Filip Křepelka, Ph.D.	prof. MUDr. Miroslav Penka, CSc. Mgr. Veronika Kudrová
Representing Academic	Staff's Chamber	Students' Chamber
Faculty of Law	Assoc. Prof. JUDr. Milan Galvas, CSc. JUDr. Filip Křepelka, Ph.D.	Ivan Galat Mgr. Veronika Kudrová
Faculty of Medicine	Assoc. Prof. MUDr. Mojmir Blaha, CSc. Prof. MUDr. Miroslav Penka, CSc. Prof. MUDr. Anna Vašků, CSc.	Michal Dráb MUDr. Martin Pešíl
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. Ing. Jiří Mihola, CSc. 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 Žitek, 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 PaedDr. Miloš Lukášek, Ph.D. PhDr. Bc. Zdenko Reguli, Ph.D.	Mgr. Barbora Jalovecká Bc. Jiří Sedláček
University units	—	—

* The Academic Senate as of 15 December 2008



2. Studies

Table 2.1 Accredited degree programmes at MU

Groups of degree programmes	Regular degree programmes							Total number of degree programmes
	Bachelor's		long-cycle Master's		Master's		Ph.D.	
	F	C	F	C	F	C		
Natural sciences	16	6	8	—	13	4	10	57
Technical sciences	—	—	—	—	—	—	—	—
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	2	3	3	—	2	—	24	34
Social sciences and services	13	17	5	1	16	11	10	73
Economics	5	3	3	—	5	3	3	22
Law, legal and public affairs	—	1	1	—	—	—	1	3
Education, teacher training, social work	4	3	4	3	5	5	3	27
Psychology	1	1	1	1	1	1	2	8
Culture and the arts	1	1	1	—	1	1	1	6
Total	42	35	26	5	43	25	54	230

Note:

F – full-time studies

C – combined studies (or distance studies, as the case may be; this information is given after a slash in 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.

The same applies to tables 2 b, 2 c, 3, 4, 5, and 6.

Table 2.2 Degree programmes accredited in a foreign language

Groups of degree programmes	Regular degree programmes							Total number of degree programmes
	Bachelor's		long-cycle Master's		Master's		Ph.D.	
	F	C	F	C	F	C		
Natural sciences	—	—	—	—	5	1	10	16
Technical sciences	—	—	—	—	—	—	—	—
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	—	—	3	—	—	—	24	27
Social sciences and services	—	—	—	—	2	—	7	9
Economics	2	—	3	—	3	—	1	9
Law, legal and public affairs	—	—	—	—	—	—	1	1
Education, teacher training, social work	—	—	—	—	—	—	2	2
Psychology	—	—	—	—	—	—	1	1
Culture and the arts	—	—	—	—	—	—	1	1
Total	2	0	6	0	10	1	47	66

Table 2.3 Student numbers in accredited degree programmes as of 31 October 2008

Groups of degree programmes	Regular degree programmes								Total students
	Bachelor's		long-cycle Master's		Master's		Ph.D.		
	F	C	F	C	F	C	F	C	
Natural sciences	4,101	135	2	0	1,338	17	571	332	6,496
Technical sciences	—	—	—	—	—	—	—	—	0
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	0
Health, medical, pharmaceutical	659	79	2,547	0	208	0	304	526	4,323
Social sciences and services	5,812	1,582	22	2	2,192	538	304	461	10,913
Economics	1,016	1,744	881	0	299	352	57	119	4,468
Law, legal and public affairs	0	1,056	2,589	0	0	0	51	103	3,799
Education, teacher training, social work	2,885	1,419	599	448	1,267	881	96	125	7,720
Psychology	104	160	486	71	125	0	63	63	1,072
Culture and the arts	1,080	670	1	0	284	112	43	71	2,261
Total	15,657	6,845	7,127	521	5,713	1,900	1,489	1,800	41,052

Table 2.4 Student numbers (citizens of CR) at MU as of 31 October 2008

Faculty	Regular degree programmes								Total students
	Bachelor's		long-cycle Master's		Master's		Ph.D.		
	F	C	F	C	F	C	F	C	
FL	0	1,012	2,293	0	0	0	47	98	3,450
FM	620	75	1,570	0	188	0	245	481	3,179
FS	2,152	125	2	0	731	17	429	288	3,744
FA	4,228	1,230	399	68	1,883	321	224	404	8,757
FE	2,603	1,326	595	447	662	784	87	100	6,604
FEA	857	1,619	742	0	269	340	52	102	3,981
FI	1,198	0	0	0	411	0	68	18	1,695
FSS	1,752	853	0	0	872	223	119	90	3,909
FSpS	559	293	0	0	175	178	16	63	1,284
Total	13,969	6,533	5,601	515	5,191	1,863	1,287	1,644	36,603

Table 2.5 Student numbers (international) at MU as of 31 October 2008

Faculty	Regular degree programmes								Total students
	Bachelor's		long-cycle Master's		Master's		Ph.D.		
	F	C	F	C	F	C	F	C	
FL	0	44	296	0	0	0	4	5	349
FM	39	4	977	0	20	0	59	45	1,144
FS	218	10	0	0	56	0	68	25	377
FA	455	51	110	5	142	16	35	44	858
FE	54	12	4	1	5	5	1	5	87
FEA	159	125	139	0	30	12	5	17	487
FI	533	0	0	0	146	0	6	1	686
FSS	208	62	0	0	121	2	22	13	428
FSpS	22	4	0	0	2	2	2	1	33
Total	1,688	312	1,526	6	522	37	202	156	4,449

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

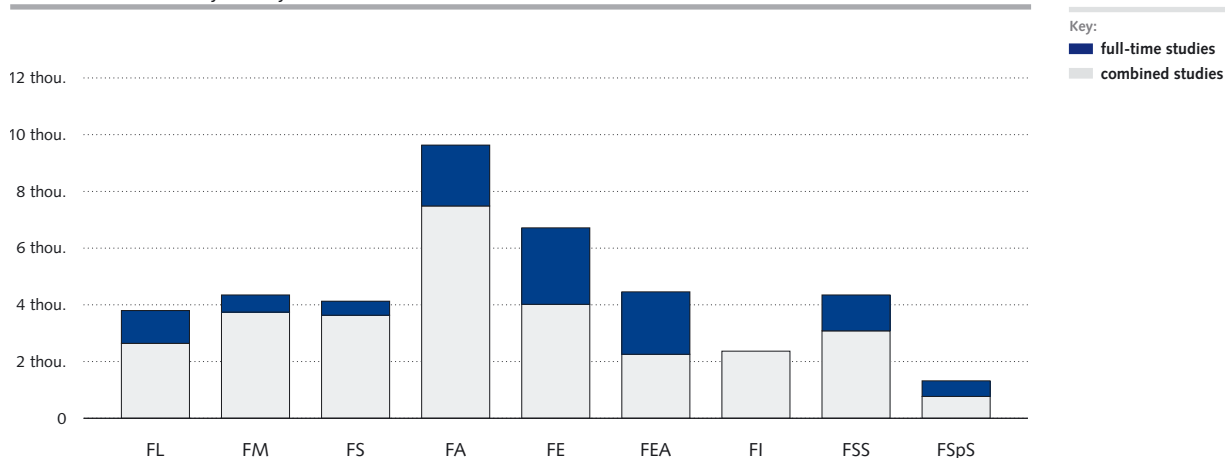


Table 2.6 Student numbers at MU between 2004 and 2008

	2004	2005	2006	2007	2008
Bachelor's	15,073	17,659	19,467	21,605	22,502
long-cycle Master's	10,121	9,175	8,574	7,931	7,648
Master's	2,109	2,864	4,513	6,258	7,613
Ph.D.	2,910	3,020	3,167	3,195	3,289
Total	30,213	32,718	35,721	38,989	41,052

Student and graduate numbers at MU between 2004 and 2008

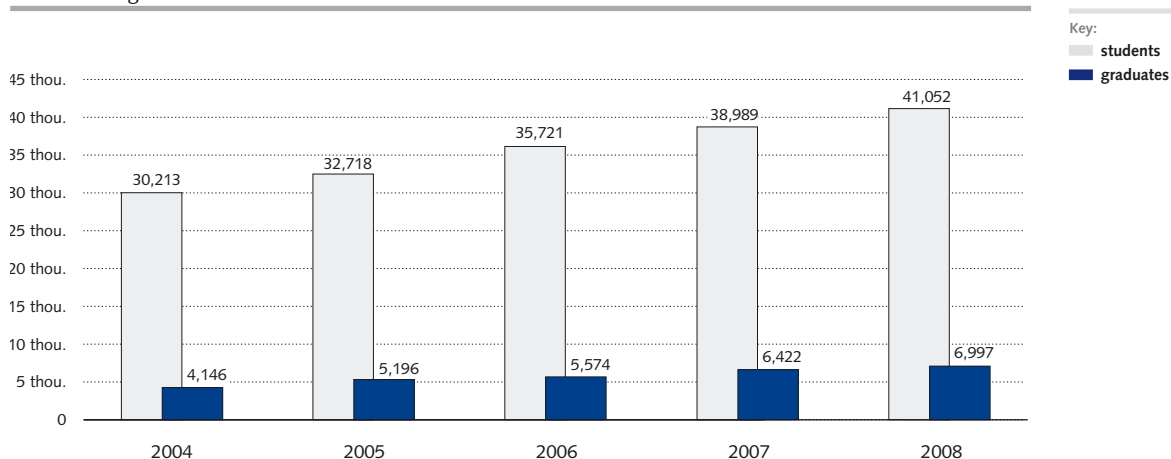




Table 2.7 Student numbers at individual faculties between 2004 and 2008

	2004	2005	2006	2007	2008
FL	3,287	3,513	3,565	3,691	3,799
FM	3,242	3,525	3,912	4,201	4,323
FS	3,048	3,205	3,494	3,887	4,121
FA	6,330	7,286	8,196	8,994	9,615
FE	5,288	5,278	5,848	6,343	6,691
FEA	3,464	3,578	3,767	4,238	4,468
FI	1,757	1,959	1,960	2,274	2,381
FSS	2,618	3,187	3,774	4,129	4,337
FSpS	1,179	1,187	1,205	1,232	1,317
Total	30,213	32,718	35,721	38,989	41,052

Table 2.8 Interest of applicants in studies at MU

Groups of degree programmes	Applications	Applicants	Admitted applications	Admitted applicants	Enrolled
Natural sciences	7,006	6,356	4,694	4,045	3,063
Technical sciences	—	—	—	—	—
Agricultural, forestry, veterinary med.	—	—	—	—	—
Health, medical, pharmaceutical	6,156	4,890	1,516	1,249	1,204
Social sciences and services	19,317	16,063	7,847	5,602	4,984
Economics	8,896	8,229	3,104	2,524	2,197
Law, legal and public affairs	7,715	6,788	1,093	1,051	1,033
Education, teacher training, social work	9,688	8,696	4,352	3,703	3,475
Psychology	4,092	2,970	403	379	371
Culture and the arts	2,991	2,629	1,551	1,192	1,085
Total	65,861	56,621	24,560	19,745	17,412

Note:

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

Applicants: number of applicants for studies, who sat an entrance examination.

Admitted applications: number of all applications accepted.

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

Enrolled: number of admitted students who enrolled in studies.

Table 2.9 Interest of applicants in studies at MU by faculties

Faculty	Applications	Applicants	Admitted applications	Admitted applicants	Enrolled
FL	7,715	6,788	1,093	1,051	1,033
FM	6,156	4,890	1,516	1,249	1,204
FS	4,113	3,627	2,758	2,304	1,802
FA	13,636	11,058	6,520	5,052	4,469
FE	8,928	8,200	4,035	3,433	2,996
FEA	8,896	8,229	3,104	2,524	2,197
FI	2,893	2,729	1,936	1,741	1,261
FSS	11,628	9,728	2,791	1,749	1,841
FSpS	1,896	1,372	807	642	609
Total	65,861	56,621	24,560	19,745	17,412

Table 2.10 Graduate numbers at MU from 1 January 2008 to 31 December 2008

Groups of degree programmes	Regular degree programmes								Total graduates
	Bachelor's		long-cycle Master's		Master's		Ph.D.		
	F	C	F	C	F	C	F	C	
Natural sciences	673	6	33	—	394	—	16	52	1,174
Technical sciences	—	—	—	—	—	—	—	—	0
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	0
Health, medical, pharmaceutical	167	44	221	—	99	—	15	56	602
Social sciences and services	966	521	81	1	422	109	8	66	2,174
Economics	121	128	155	—	73	58	1	11	547
Law, legal and public affairs	0	277	439	—	0	—	1	23	740
Education, teacher training, social work	453	38	255	67	241	249	1	19	1,323
Psychology	13	13	69	25	37	—	1	12	170
Culture and the arts	128	94	3	—	30	4	1	7	267
Total	2,521	1,121	1,256	93	1,296	420	44	246	6,997

Table 2.11 Graduate numbers at MU from 1 January 2008 to 31 December 2008 by faculties

Faculty	Studijní programy								Total graduates
	Bachelor's		long-cycle Master's		Master's		Ph.D.		
	F	C	F	C	F	C	F	C	
FL	—	277	439	—	—	—	1	23	740
FM	167	44	221	—	99	—	15	56	602
FS	400	6	31	—	270	—	13	47	767
FA	701	196	153	26	364	39	5	47	1,531
FE	401	303	254	67	132	242	1	18	1,418
FEA	121	128	155	—	73	58	1	11	547
FI	273	—	3	—	124	—	3	5	408
FSS	336	101	—	—	191	47	4	27	706
FSpS	122	66	—	—	43	34	1	12	278
Total	2.521	1.121	1.256	93	1.296	420	44	246	6.997

Table 2.12 Failure to complete studies at MU in the period from 1 January 2008 to 31 December 2008

Groups of degree programmes	Regular degree programmes								Total students
	Bachelor's		long-cycle Master's		Master's		Ph.D.		
	F	C	F	C	F	C	F	C	
Natural sciences	1,132	60	4	—	69	—	23	26	1,314
Technical sciences	—	—	—	—	—	—	—	—	0
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—	0
Health, medical, pharmaceutical	97	4	246	—	10	—	13	26	396
Social sciences and services	1,030	460	21	1	170	54	13	47	1,796
Economics	200	752	109	—	28	90	3	20	1,202
Law, legal and public affairs	—	139	189	—	—	—	0	8	336
Education, teacher training, social work	678	153	76	62	103	77	7	12	1,168
Psychology	13	36	10	5	4	—	3	5	76
Culture and the arts	181	207	—	—	31	3	1	12	435
Total	3,331	1,811	655	68	415	224	63	156	6,723

Table 2.13 Failure to complete studies at MU in the period from 1 January 2008 to 31 December 2008 by faculty

Faculty	Regular degree programmes								Total students
	Bachelor's		long-cycle Master's		Master's		Ph.D.		
	F	C	F	C	F	C	F	C	
FL		139	189	—	—	—	—	8	336
FM	97	4	246	—	10	—	13	26	396
FS	531	60	3	—	23	—	22	22	661
FA	936	407	31	6	175	48	8	51	1,662
FE	646	141	76	62	47	52	7	10	1,041
FEA	200	752	109	—	28	90	3	20	1,202
FI	601	—	1	—	46	—	1	4	653
FSS	217	264	—	—	78	25	9	14	607
FSpS	103	44	—	—	8	9	—	1	165
Total	3,331	1,811	655	68	415	224	63	156	6,723

Table 2.14 Student/teacher ratio at MU in 1997–2008

Faculty	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08
FL	33.63	33.03	34.24	32.57	36.08	40.06	41.19	45.84	47.13	46.84	46.33
FM	5.89	6.41	6.74	7.07	8.32	8.32	9.27	12.06	13.42	13.88	14.10
FS	11.43	11.34	11.71	12.03	12.23	12.68	12.89	13.22	13.60	14.85	15.92
FA	18.49	18.29	20.36	19.03	22.65	29.96	39.93	33.60	37.53	37.82	38.27
FE	17.40	20.11	21.21	18.75	17.28	28.03	27.79	28.10	29.01	30.20	30.84
FEA	28.98	32.99	36.16	37.71	40.35	48.93	48.14	41.79	41.85	45.73	47.81
FI	29.41	35.10	30.01	30.83	39.82	38.58	34.74	35.86	37.80	43.56	45.25
FSS	—	28.95	29.83	35.46	44.22	39.96	36.53	44.07	45.51	46.40	45.88
FSpS	—	—	—	—	—	15.08	17.76	18.92	15.74	15.96	17.40
MU	14.63	15.66	16.62	16.28	18.25	22.49	23.56	24.19	25.61	27.81	28.67

Table 2.15 MU involvement in international cooperation and mobility programmes – EU programmes

Programme	LLP (Socrates)					
	Erasmus	Comenius	Grundtvig	Leonardo	Jean Monnet	Erasmus Mundus
Number of projects	—	3	2	3	1	2
Number of outgoing students	1,004	0	6	0	0	10
Number of incoming students	394	0	0	0	0	17
Number of outgoing academic staff	204	3	6	17	0	0
Number of incoming academic staff	79	4	12	0	0	1
Funding (in thousands of CZK)	51,246	294	484	1,428	46	906

Table 2.16 2.16 MU involvement in international cooperation in education programmes – other programmes

Programme	Ceepus	Aktion	Other (FM EHP)
Number of projects	8	3	1
Number of outgoing students	30	9	27
Number of incoming students	14	1	7
Number of outgoing academic staff	7	2	3
Number of incoming academic staff	6	1	2
Funding (in thousands of CZK)	493	191	478

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

Table 2.17 MU involvement in international cooperation in education programmes – other placements abroad

Programme	Government scholarships	Direct inter-university cooperation/of which Development Programmes			
		in Europe	of which Develop. Programmes	outside Europe	of which Develop. Programmes
Number of outgoing students	41	224	224	115	115
Number of incoming students	23	11	0	132	0
Number of outgoing academic staff	7	59	0	0	0
Number of incoming academic staff	0	46	0	0	0



Table 2.18 Academic staff and student mobility by country

Country	Students		Academic staff	
	Number of outgoing	Number of incoming	Number of outgoing	Number of incoming
Argentina	2	1	—	—
Australia	14	9	—	—
Belgium	39	5	3	2
Belarus	10	—	4	—
Brazil	13	—	—	—
Bulgaria	30	8	5	2
China	4	4	—	—
Denmark	26	1	—	1
Egypt	8	—	1	—
Estonia	5	3	1	2
Finland	36	4	7	4
France	112	33	11	11
Georgia	—	1	—	—
Guadeloupe (Fr.)	1	—	—	—
Chile	2	—	—	—
Croatia	9	3	—	2
India	3	—	—	—
Indonesia	4	—	—	—
Ireland	2	—	4	1
Island	2	—	—	—
Italy	59	10	10	4
Izrael	2	—	—	—
Japan	8	7	—	—
Jordan	2	4	—	—
Canada	13	60	—	2
Korea	5	2	—	—
Kyrgyzstan	4	2	—	—
Lebanon	1	2	1	—
Lichtenstein	3	—	—	—
Lithuania	15	13	7	2
Latvia	2	1	—	—
Luxembourg	2	—	1	—

Country	Students		Academic staff	
	Number of outgoing	Number of incoming	Number of outgoing	Number of incoming
Hungary	11	21	9	13
Macedonia	7	—	—	—
Malta	3	—	2	1
Morocco	1	—	—	—
Mexico	7	3	—	—
Mongolia	1	—	—	—
Germany	214	53	53	18
The Netherlands	50	4	9	4
Norway	56	11	6	6
Poland	59	92	36	30
Portugal	46	25	7	—
Austria	112	17	26	15
Romania	7	1	—	—
Russia	21	1	2	—
Greece	33	6	2	—
Singapore	1	—	—	—
Slovak Republic	24	32	32	14
Slovenia	53	16	9	4
Serbia	5	—	—	—
Syria	—	1	—	—
Spain	102	46	30	6
Sweden	27	3	4	1
Switzerland	21	1	1	—
Tajikistan	—	1	—	—
Tchaj-wan	3	3	—	—
Tunisia	2	—	—	—
Turkey	15	15	6	1
The Ukraine	26	—	—	—
USA	36	45	—	2
Uzbekistan	3	7	—	—
Great Britain	86	20	19	3

Table 2.19 Number of lifelong learning courses

Group of degree programmes	Professionally oriented courses			Personal interest courses			U3A	Total
	up to 15 hrs.	up to 100 hrs.	more	up to 15 hrs.	up to 100 hrs.	more		
Natural sciences	2	3	—	1	—	—	—	6
Technical sciences	—	37	—	7	—	—	—	44
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	235	6	—	—	—	—	—	241
Social sciences and services	1	29	1	3	—	—	6	40
Economics	—	—	5	—	—	—	—	5
Law, legal and public affairs	5	20	—	—	—	—	—	25
Education, teacher training, social work	13	20	45	3	8	1	—	90
Psychology	—	—	—	—	—	—	—	3
Culture and the arts	—	—	—	—	—	—	—	4
Total	256	122	51	14	8	1	6	458

Table 2.20 Number of students in lifelong learning courses

Group of degree programmes	Professionally oriented courses			Personal interest courses			U3A	Total
	up to 15 hrs.	up to 100 hrs.	more	up to 15 hrs.	up to 100 hrs.	more		
Natural sciences	49	86	—	9	—	—	—	144
Technical sciences	—	79	—	85	—	—	—	164
Agricultural, forestry, veterinary med.	—	—	—	—	—	—	—	—
Health, medical, pharmaceutical	12,500	670	—	—	—	—	—	13,170
Social sciences and services	12	482	31	45	—	—	1,770	2,340
Economics	—	—	201	—	—	—	—	201
Law, legal and public affairs	70	833	—	—	—	—	—	903
Education, teacher training, social work	211	511	1,838	68	134	12	—	2,774
Psychology	—	87	—	—	—	—	—	87
Culture and the arts	—	27	—	—	—	—	—	27
Total	12,842	2,775	2,070	207	134	12	1,770	19,810

Table 2.21 Number of students in lifelong learning courses by faculty

Fakulta MU	Professionally oriented courses			Personal interest courses			U3A	Total
	up to 15 hrs.	up to 100 hrs.	more	up to 15 hrs.	up to 100 hrs.	more		
FL	70	1,122	—	—	—	—	—	1,192
FM	12,500	670	—	—	—	—	—	13,170
FS	49	86	—	9	—	—	—	144
FA	—	414	—	45	—	—	—	459
FE	—	—	1,783	48	103	—	—	1,934
FEA	—	—	201	—	—	—	—	201
FI	—	79	—	85	—	—	—	164
FSS	—	31	—	—	—	—	—	31
FSpS	223	373	86	20	31	12	—	745
MU	—	—	—	—	—	—	1,770	1,770
Total	12,842	2,775	2,070	207	134	12	1,770	19,810

Table 2.22 Student social welfare – accommodation and catering

Total accommodation capacity in the university residences	4,119
Number of beds in leased facilities	0
Number of accommodation applications as of 31 December 2008	6,928
Number of accommodation applications disposed of in the affirmative as of 31 December 2007	4,557
Number of accommodation applications disposed of in the affirmative in %	65.8

Table 2.23 Price structure of one place in MU halls of residence

Grants for accommodation and catering provided by the Ministry of Education, Youth and Sports	0
Funds from other resources of the university	0
Price paid by student	2,234
Price paid by MU employee	4,000
Price paid by other persons	700

Note:

All prices are average prices as they are derived from room and residence type 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 9% VAT.

Table 2.24 Price structure of one meal in MU canteens

Grants for accommodation and catering provided by the Ministry of Education, Youth and Sports	23
Funds from other resources of the university (catering of employees)	30
Price paid by student	30
Price paid by employee	30
Price paid by other persons	69

Note:

Price of a meal = mean price of foodstuff, 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 faculties provide a contribution for employee catering.

Table 2.25 Number of main meals served in 2008

Total	1,121,684
of which students	889,019
of which employees	110,234
of which others	122,431

Table 2.26 Masaryk University residences

Residence	Address	Number of beds	Accommodation capacity
Vinařská	Vinařská 5, 603 00 Brno	1,115	1,262
Tvrdého	Tvrdého 5/7, 602 00 Brno	358	358
Kounicova	Kounicova 50, 602 00 Brno	580	596
Mánesova	Mánesova 12c, 612 00 Brno	346	346
Klácelova	Klácelova 2, 602 00 Brno	313	313
nám. Míru	nám. Míru 4, 602 00 Brno	249	249
Veveří	Veveří 29, 602 00 Brno	70	70
Komárov I.	Bří. Žůrků 5, 617 00 Brno	479	496
Komárov II.	Sladkého 13, 617 00 Brno	432	432
Komárov III.	Lomená 48, 617 00 Brno	177	179
Total		4,119	4,301

Table 2.27 MU Hotels

Hotel	Adresa	Accommodation capacity
UNI hotel Vinařská	Vinařská 6, 603 00 Brno	147
UNI hotel Čejkova	Čejkova 21, 615 00 Brno	27
UNI hotel Grohova	Grohova 11, 602 00 Brno	10
UNI hotel Žerotínovo nám.	Žerotínovo nám. 9, 601 77 Brno	16
Hotel beds Komárov	Bří. Žůrků 5, 617 00 Brno	17
Hotel beds Lomená	Lomená 48, 617 00 Brno	2
Hotel beds Družba	Kounicova 50, 602 00 Brno	16
Total		235



Table 2.28 Number of accommodated students

	2003	2004	2005	2006	2007
January	4,139	4,164	4,028	3,854	3,779
February	4,092	4,080	4,067	3,917	3,820
March	4,081	4,117	3,961	3,869	3,779
April	4,032	4,048	3,864	3,820	3,716
May	3,943	3,994	3,789	3,666	3,554
June	3,717	3,742	3,520	3,662	1,900
October	3,836	4,154	4,057	4,029	3,964
November	4,152	4,161	4,054	4,040	3,934
December	4,169	4,133	3,927	3,865	3,790
Total	36,161	36,593	35,267	34,722	32,236
Average	4,017	4,065	3,919	3,858	3,582

Table 2.29 Numbers of meals served in MU canteens

Canteen	2004	2005	2006	2007	2008
Moravské nám.	345,396	330,091	314,470	335,627	348,905
Vinařská	288,970	294,878	295,574	314,542	465,524
Veveří	197,037	199,548	209,841	197,409	184,587
Total	831,403	824,517	819,885	847,578	999,016

Table 2.30 Numbers of disabled students at MU faculties

Faculty	students with limited mobility	students with hearing disabilities	students with visual disabilities	specific learning disorders	Total
FL	2	6	8	4	20
FM	0	2	0	1	3
FS	2	5	6	4	17
FA	15	9	24	4	52
FE	16	38	34	11	99
FEA	8	4	5	5	22
FI	4	23	14	4	45
FSS	14	2	13	2	31
FSpS	0	1	0	6	7
MU	61	90	104	41	296

Numbers of disabled students at MU faculties (in %)

Key:

- specific learning disorders
- students with visual disabilities
- students with hearing disabilities
- students with limited mobility

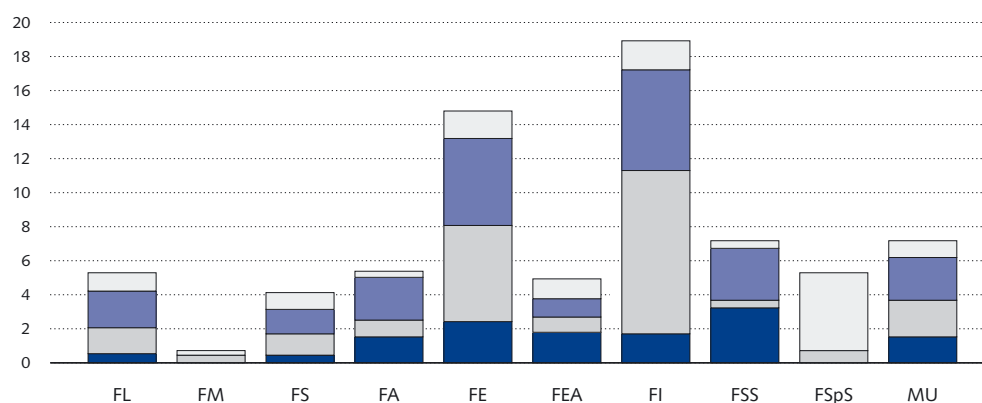


Table 2.31 Numbers of disabled students at MU

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

3. Research

Table 3.1 Support of research and development in 2008 (*in thou. CZK*)

	Non-capital	Capital	Total
Total	777,167	92,863	870,030
of which: Ministry of Education	584,104	90,363	674,467
other departments	153,662	1,015	154,677
from abroad	39,401	1,485	40,886

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

Name	Source	Capital	Non-capital	Total
Research plans	Total	88,883	319,970	408,853
FA Research centre for the history of Central Europe: sources, countries, culture	C	185	11,470	11,655
FA Interdisciplinary centre for the research of social structures from prehistory to middle ages. Field and theoretical archaeological research, application of natural sciences, methodology and informatics, protection of cultural heritage	C	1,930	11,426	13,356
FA Centre for interdisciplinary research of ancient languages and earlier phases of modern languages	C	0	11,512	11,512
FI Highly parallel and distributed computer systems	C	2,000	11,935	13,935
FSS Psychological and social characteristics of children, the youth and a family, development of personality at the time of modern society changes	C	100	11,730	11,830
FSS Political parties and representation of interests in contemporary European democracies	C	0	7,384	7,384
FSS Reproduction and integration of the society	C	0	12,335	12,335
FM Early diagnosis and treatment of cardiovascular diseases	C	9,150	10,964	20,114
FM Internal organisation and neurobiological mechanisms of CNS functional systems	C	2,900	19,441	22,341
FM Functional and molecular characteristics of oncogenic and normal elementary cells – identification of targets for new therapeutics and therapeutic strategies	C	7,500	14,500	22,000
FM From classical prognostic markers to clinically applicable pharmacogenomic and pharmacoproteomic projects for multiple myeloma and monoclonal gammopathies	C	9,700	9,736	19,436
FE School and health for the 21st century	C	198	9,039	9,237
FE Special needs of pupils in the context of the Framework educational programme for elementary education	C	400	11,420	11,820
FL European context for development of Czech law after 2004	C	0	6,452	6,452
FS Mathematical structures and their physical application	C	0	12,167	12,167
FS Physical and chemical properties of advanced materials and structures	C	1,600	10,665	12,265
FS Studies and application of plasmochemical reactions in non-isothermal low-temperature plasma and its interactions with the surface of solid substances	C	8,000	12,674	20,674
FS Interaction between chemical substances, the environment and biological systems and their impacts on global, regional and local levels (INCHEMBIOL)	C	16,066	29,519	45,585
FS Proteins in metabolism and during interaction of organisms with the environment	C	14,364	21,744	36,108
FS Molecular basis of cell and tissue regulations	C	9,400	35,395	44,795
FS Diversity of biotic societies and populations: actual analysis of variability in space and time	C	5,160	26,169	31,329
FS Dynamic geovisualisation in critical management	C	230	12,293	12,523

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

Name	Source	Capital	Non-capital	Total
1N Information infrastructure of research (National research programme) (2004–2009)	Total	0	14,029	14,029
FA Continuation of the licence Literature Online for academic institutions	C	0	2,087	2,087
ÚVT Information sources for the support of research in informatics	C	0	8,998	8,998
FA Consortium access to basic art-historic and theoretic information sources for visual arts and architecture	C	0	1,119	1,119
FA Electronic database for studies and research of Greek and Latin authors of texts in antiquity, middle ages and early modern times	C	0	1,825	1,825
1P Regional and international cooperation in research (National research programme) (2004–2009)	Total	0	913	913
FSS Global project on the Internet – Czech Republic	C	0	913	913



2B	Healthy and quality (2006–2011)	Total	1,130	29,305	30,435
FS	Bumblebees as the active element of country biodiversity.	C	0	591	591
FI	Identification of markers, screening and time diagnostics of neoplasia with the help of highly automated processing of multidimensional biomedical pictures	C	0	4,984	4,984
FS	New procedures in the characterization and identification of probiotic bacteria strains suitable for functional foodstuffs.	C	0	1,205	1,205
FS	Diagnostics of DNA damage by polyaromatic compounds using nanotechnology and bioanalysis methods for early detection of a carcinoma	C	0	1,397	1,397
FM	Safe biotechnology of allotransplanted hematopoietic stem cells with selected solid and hematologic tumours as adoptive immunotherapy	C	0	11,279	11,279
FM	More efficient diagnostics and treatment of the gastroesophageal reflux disease of the oesophagus	C	0	3,684	3,684
FS	Bioelectronic language to determine wine quality	C	1,130	3,491	4,621
FS	New molecularly biological and biochemical methods for monitoring of estrogens and other chemical endocrine disruptors	C	0	951	951
FS	Development in the diagnostics and treatment of serious diseases of the heart and arteries with the help of gastronomic and epigenomic approaches	C	0	875	875
FS	Research in the possibility of application of automated and semi-automated methods for identification and characterization of new bacteria strains having probiotic properties with the aim of expanding specific genetic sources for the prevention of civilization diseases	C	0	848	848
2C	Information technology for the knowledge society (2006–2011)	Total	0	2,040	2,040
FSS	New social risks of the labour market and the need for a reform of its political regulation after the accession of the Czech Republic into the European Union. Monitoring and evaluation of needs	C	0	2,040	2,040
2E	Human resources (2006–2011)	Total	0	3,603	3,603
FS	Development and pilot testing of the methodology for creating and use of didactic means promoting technical disciplines and research in the teaching at elementary schools	C	0	1,695	1,695
FS	Visualization of medical data for the support of interdisciplinary education and relationships with the public	C	0	1,908	1,908
LC	Basic Research Centres	Total	0	44,180	44,180
FA	Research of functions of technology in the creation and practising of beaux arts	C	0	693	693
FA	Research centre for the development of Old and Middle Czech (from ancient roots to the contemporary state)	C	0	1,262	1,262
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	0	2,330	2,330
FI	Centre of computer graphics	C	0	1,670	1,670
FM	Centre for basic research of monoclonal gamapathies and multiple myelome	C	0	3,794	3,794
FM	Centre of chemical genetics	C	0	3,756	3,756
FE	Centre for basic research or school education	C	0	2,432	2,432
FS	Centre of Eduard Čech for algebra and geometry	C	0	1,533	1,533
FS	Ichthyoparasitology	C	0	4,230	4,230
FS	Centre of Jaroslav Hájek for theoretical and applied statistics	C	0	1,228	1,228
FS	Integrated bioanalytical technologies for microanalyses and diagnostics with application of LIF and mass spectrometry	C	0	2,424	2,424
FS	Biomolecular centre	C	0	4,049	4,049
FS	Centre of biophysical chemistry, bioelectrochemistry and bioanalysis. New tools for genomics, proteomics and biomedicine.	C	0	1,128	1,128
FS	Centre for biodiversity research	C	0	1,721	1,721
FS	Regulation of morphogenesis of plant cells and organs	C	0	5,950	5,950
FS	Centre of biocatalysis and biotransformations	C	0	4,051	4,051
1M	Research centres	Total	0	40,809	40,809
FEA	Centre for research of competitive ability of the Czech economy	C	0	17,545	17,545
FM	Stomatological research centre	C	0	23,264	23,264
MEB	CONTACT mobility	Total	0	579.52	579.52
FS	Analysis of coupling and recombination of homeologous chromosomes with (paleo)polyploid species of (Brassicaceae)	C	0	49.92	49.92
FS	Binarity – a tool for studies of stellar characteristics	C	0	74	74
FS	Magnetic stars – laboratories of stellar physics	C	0	59	59
FS	Variability of the climate and hydrometeorological extremes in the pre-instrumental period	C	0	79	79
FS	Preparation of carbon nanostructures using CVD methods and their characterization	C	0	32.84	32.84
FS	Distribution of energy in spectres of chemically peculiar stars and its variability	C	0	33.24	33.24
FS	Lectins from Burkholderia cenocepacia: structural-functional study	C	0	49.56	49.56
FS	New procedures in the deposition of thin layers by reactive magnetron sputtering	C	0	49.56	49.56
FA	Early non-agrarian settlements as the places of transfer of ideas and knowledge in mediaeval Europe	C	0	80	80
FA	Comparative study of Czech and Slovenian literary fields in the Central European context	C	0	72.40	72.40

ME	CONTACT	Total	350	3,662	4,012
FS	Use of laser induced breakdown spectroscopy (LIBS) and laser ablation in connection with ICP-OES/MS spectroscopy for chemical mapping of biominerals	C	0	400	400
FS	Proposal of antibacterial and antiviral medicines based on carbohydrates and glycomimetics	C	0	455	455
FS	Photometric research of selected eclipsing binaries	C	0	95	95
FS	International seminar from complex and CR geometry, partial differential equations and theory of invariants	C	0	480	480
FS	Conditions for second order optimality for optimization problems	C	0	77	77
FS	Multi-disciplinary research of the Antarctic terrestrial vegetation within the framework of IPY	C	350	1,405	1,755
FS	Srs2 proteine and its multifunctional task in recombinative/corrective processes	C	0	750	750
OC	COST	Total	0	1,500	1,500
FS	Microwave initiated syntheses	C	0	500	500
FS	Multi-level modelling structures and properties of intermetallic phases	C	0	500	500
FS	Use of extended electrochemical methods for the study of electrochemical and bioelectrochemical processes at the interphase electrode/electrolyte	C	0	500	500
LA	INGO	Total	0	611	611
FS	Structural study of interactions between protein and damaged RNA	C	0	611	611
Co-financing of international projects		Total	0	932	932
FM	EURO-PADnet	C	0	137	137
FSS	Edumigrom	C	0	218	218
FI	PICOS	C	0	577	577
Total			1,480	142,163.52	143,643.52

Table 3.4 List of research projects of the Grant Agency of the Czech Republic (*in thou. CZK*)

	Name	Source	Capital	Non-capital	Total
FS	Molecular mechanisms of cell proliferation and differentiation	B	0	4,168	4,168
FI	Integrated approach to DSP students in the area of parallel and distributed systems	B	0	2,969	2,969
FS	Evolutionary ecological analysis of biological systems: DSP Research Centre	B	0	2,270	2,270
FSS	Changes in values in the Czech Republic between 1991 and 2008 in the European context	B	0	2,002	2,002
FS	Current and historic changes of mountain peat bogs in the Sudeten mountains	B	0	1,884	1,884
FM	Comparative genome sequencing of pathogenic treponemas and transcriptomic analysis of <i>T. pallidum</i> ssp. <i>pallidum</i>	B	0	1,847	1,847
FS	Study of interactions of cooling media under high temperatures with construction materials of heat exchangers using the methods plasma spectrometry	B	0	1,542	1,542
FS	The task of immune investment in the context of compromises: immunoecological study of relationships between reproduction, immunity and parasitism with freshwater fish	B	0	1,493	1,493
FS	Molecular and cytogenetic analysis of gigantic genomes of the <i>Fritillaria</i> (Liliaceae) kind	B	0	1,411	1,411
FS	Mathematical structures in theoretical physics	B	0	1,389	1,389
FM	Genetic determinants for-/antioxidant equilibrium in pathogenesis of respiratory diseases	B	0	1,381	1,381
FA	Moravian-Silesian School of Archaeological Studies	B	0	1,688	1,688
FS	Intraspecies variability of populations of two cryptic species of bats of the <i>Pipistrellus</i> kind in Central Europe	B	0	1,338	1,338
FS	Deposition of thermomechanically stable nanostructured diamond-like thin layers in two-frequency capacitive discharges	B	0	1,309	1,309
FA	Integration in languages – languages in integration	B	0	1,282	1,282
FS	Environmental importance of dead wood in river ecosystems	B	0	1,235	1,235
FS	The task of selected transcription factors in the osteoclastic differential path	B	0	1,197	1,197
FS	Monitoring of chemical changes of barley caryopsis after attack with pathogens for the control and improvement of barley quality and subsequent nutritional products	B	0	1,139	1,139
FS	Synthesis of magnetic nano particles on Fe basis in low-temperature microwave plasma	B	0	1,107	1,107
FS	Regulation of differentiation of ES cells through the gp130 receptor	B	0	1,100	1,100
Total			0	33,751	33,751



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

	Name	Source	Capital	Non-capital	Total
FA	Religions and Values:Central and Eastern European Research Network (REVACERN)	A	0	310.86	310.86
FI	Search on Audio-visual content using Peer-to-peer Information Retrieval (SAPIR)	A	0	2,163.98	2,163.98
FI	Scalable Modeling and Analysis Techniques to Study Emergent Cell Behaviour – understanding the E.coli stress response (EC-MOAN)	A	0	549.36	549.36
FI	The Future of Identity in the Information Society (FIDIS)	A	0	955.28	955.28
FI	Privacy and Identity Management for Community Services (PICOS)	A	0	1,341.08	1,341.08
FM	Genetics of Sepsis and Septic Shock in Europe (GENOSEPT)	A	0	13.89	13.89
FM	Chimeras and Hybrids in comparative European and International Research – natural scientific, ethical, philosophical and legal aspects (CHIMERA)	A	0	0	0
FM	Biotechnology Ethics: deepening by research, broadening to future applications and new EU members, permeating education to young scientists (BIOTETHED)	A	0	313.57	313.57
FM	Smoke-Free Class Competition-SFC- a school-based smoking prevention project (ADONIS)	A	0	0	0
FM	European human embryonic stem cell registry (EU hESC)	A	0	18.65	18.65
FM	SAO	A	0	377.69	377.69
FM	The Pathophysiology and Natural Course of Patients with Primary Antibody Deficiency (EURO-PADnet)	A	0	0	0
FM	Assessment of POLicy options for MARKeting food and beverages to children (POLMARK)	A	0	124.15	124.15
FSpS	Tackling the social and economic determinants of nutrition and physical activity for the prevention of obesity in Europe (EURO-PREVOB)	A	0	115.65	115.65
FSS	Ethnic Differences in Education and Diverging Prospects for Urban Youth in an Enlarged Europe (EDUMIGROM)	A	0	1,178.32	1,178.32
FSS	Civil Society and New Forms of Governance in Europe – The making of European Citizenship (CINEFOGO)	A	0	178.89	178.89
FSS	Growing Inequality and Social Innovation: Alternative Knowledge and Practice in Overcoming Social Exclusion in Europe (KATARSIS)	A	0	132.81	132.81
FSS	Reconciling Work and Welfare in Europe (RECOWOWE)	A	0	24.62	24.62
FSS	European Research on Cultural, Contextual and Risk Issues in Children's Safe Use of the Internet and New Media (EUKIDSONLINE)	A	0	0	0
FS	Programme developing interdisciplinary research Potential for the Studies of Biomolecular Interactions (POSTBIOMIN)	A	0	12,829.59	12,829.59
FS	Multifunctional Nanomaterials Characterisation Exploiting Elipsometry and Polarimetry (NANOCHARM)	A	0	0	0
FS	Federated eParticipation Systems for Cross-Societal Deliberation on Environmental and Energy Issues (FEED)	A	0	1,953.12	1,953.12
FS	Integrated Project to Evaluate the Impacts of Global Change on European Freshwater Ecosystems EURO-LIMPACS)	A	0	568.06	568.06
FS	European climate of the last millenium (MILLENIUM)	A	0	996.36	996.36
FS	EUROPOLAR	A	0	0	0
FS	Functional genomic characterisation of molecular determinants for staphylococcal fitness, virulence and drug resistance (StaphDynamics)	A	0	726.39	726.39
FS	Focusing NMR on the machinery of Life (NMR-Life)	A	0	859.65	859.65
FS	EMBO Young Investigator Programme	A	905.74	200.30	1,106.04
FS	EMBO Young Investigator Programme	A	0	859.55	859.55
FS	EMBO Young Investigator Programme	A	0	1,242.30	1,242.30
FS	EMBO Young Investigator Programme	A	579.19	909.60	1,488.79
FS	Polyadenylation and mechanism of nuclear RNA quality control	A	3,049.56	2,750.64	5,800.20
FS	Role of BRCA2 in homogenous recombination and genome maintenance	A	0	1,658.45	1,658.45
FS	MAGE proteins: confactors for E3 ubiquitin ligases?	A	0	0	0
FS	Lectines et adhésines de Pseudomonas aeruginosa: recherche dinhbiteurs de l'adhésion bactérienne	A	0	94.21	94.21
FS	Researcher's Night	A	0	355.86	355.86
FS	NATO Sfp-Bioagents Detection	A	0	0	0
ÚVT	Standard and interoperable satellite solution to deploy Health care services over wide areas (Healthware)	A	0	879.74	879.74
ÚVT	European Research Network on Foundations, Software Infrastrucutres and Applications for large scale distributed, Grid and Peer-toPeer Technologies (CoreGrid)	A	0	0	0
Total			4,534.50	34,682.62	39,217.12

Table 3.6 Number of students in doctoral degree programmes at MU

Faculty	P	K	Total
FL	51	103	154
FM	304	526	830
FS	497	313	810
FA	259	448	707
FE	88	105	193
FEA	57	119	176
FI	74	19	93
FSS	141	103	244
FSpS	18	64	82
MU	1,489	1,800	3,289

Table 3.7 Age structure of MU academic staff

Age	Academic staff										Research workers	
	Professors		Associate Professors		Assistant Professors		Instructors		Lecturers		Total	Women
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women		
up to 29 years	—	—	—	—	42	24	138	83	20	14	11	6
30–39 years	2	1	50	8	401	112	160	82	49	29	36	8
40–49 years	32	2	82	21	205	104	41	30	42	22	12	2
50–59 years	88	13	126	34	159	77	34	26	37	27	3	1
60–69 years	80	21	91	31	38	18	14	7	14	3	7	—
over 70 years	45	4	16	2	5	1	1	—	—	—	7	—
Total	247	41	365	96	850	336	388	228	162	95	76	17

Table 3.8 Academic staff at MU as of 31 December 2008

Full/part-time employment	Total	Professor	Associate Professor	Other	DrSc.	CSc.	Dr., Ph.D., Th.D.
up to 30 %	481	30	39	412	8	79	106
up to 50 %	214	30	22	162	13	47	55
up to 70 %	73	15	14	44	6	20	26
up to 100 %	1,320	172	290	858	31	362	621

Table 3.9 Structure of academic staff by faculty

Faculty	Professors	Associate Professors	Assistant Professors	Instructors	Lecturers	Research workers
FL	14	24	41	12	2	0
FM	89	90	379	167	2	2
FS	57	90	65	1	31	57
FA	38	45	120	44	28	12
FE	11	53	99	67	17	0
FEA	12	18	46	39	1	0
FI	12	14	21	0	6	4
FSS	11	17	48	20	8	0
FSpS	3	12	21	23	29	1
Total	247	363	840	373	124	76

Table 3.10 Structure of academic staff – full-time equivalent employees

Academic staff						Research workers
Professors	Associate Professors	Assistant Professors	Instructors	Lecturers	Total	
199.111	307.581	556.577	232.047	137.463	1,432.779	57.326

Table 3.11 Number of newly appointed professors and associate professors in 2008

	Number	Mean age
Professors appointed in 2008	9	54
Associate professors appointed in 2008	37	41

Table 3.12 List of further education courses for academic staff

Courses focusing of pedagogical skills	Courses focusing on general skills	Special courses	Total
11	6	69	86

Table 3.13 List of participant numbers in further education courses for academic staff

Courses focusing of pedagogical skills	Courses focusing on general skills	Special courses	Total
255	62	622	939

Table 3.14 Publication activity in research in 2008

Faculty	Monographs		Original work in proceedings		Original work in periodicals		Other original work		Textbooks and study texts	Patents	Total
	CR	abroad	CR	abroad	CR	abroad	CR	abroad			
FL	63	2	293	16	349	3	61	21	3	—	808
FM	59	2	496	144	942	142	121	21	15	—	1,927
FS	23	5	411	226	298	350	56	36	3	2	1,407
FA	59	10	264	30	321	29	107	37	1	—	857
FE	59	6	383	59	250	12	181	21	33	—	971
FEA	22	1	312	40	61	3	68	10	15	—	517
FI	7	5	84	92	41	31	3	4	—	—	267
FSS	23	7	60	10	188	14	79	42	—	—	423
FSpS	22	1	62	9	65	0	10	1	4	—	170
MU	337	39	2,365	626	2,515	584	686	193	74	2	7,347

Note:

The share of total hours worked by all employees for the reviewed period and total annual fund of working hours per one employee working full-time.

Note:

Pedagogical skills (the use of different teaching methods, such as ICT tools, use and suitability of different forms of teaching, presentation of subjects and objectives of studies, motivation of students and use of activating methods in teaching, work with different groups of students, teaching styles etc.)

General skills (such as communication skills – e.g.: importance of communication in teaching/ studies, verbal and non-verbal communication, communication noise, distortion of information, strategy of communication, suitable methods and tactics of communication and selection of suitable communication media; presentation – use and suitability of different presentation techniques: work in team, project management, managerial skills, computer skills, knowledge of foreign languages etc.).

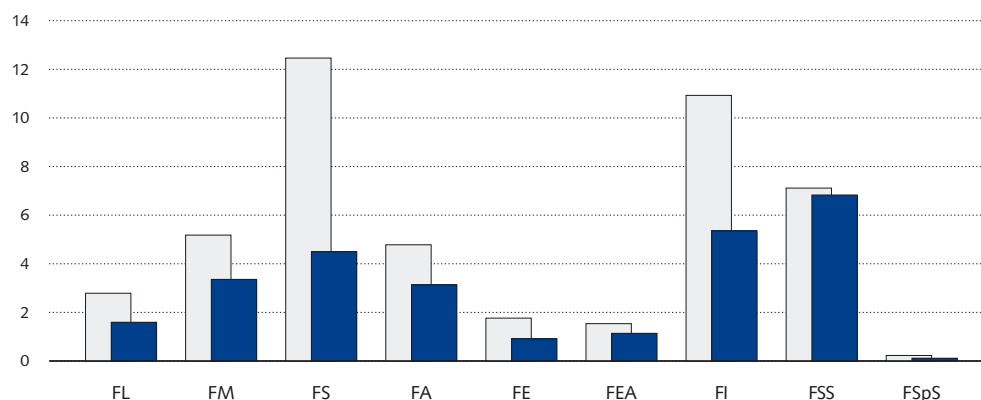
Professional courses – courses focusing at increasing of own professional skills, development of special knowledge specific for given technical orientation



Number of publications issued by MU faculties 2003–2007
(according to the Methodology for evaluation of results of R&D in 2008)

Key:

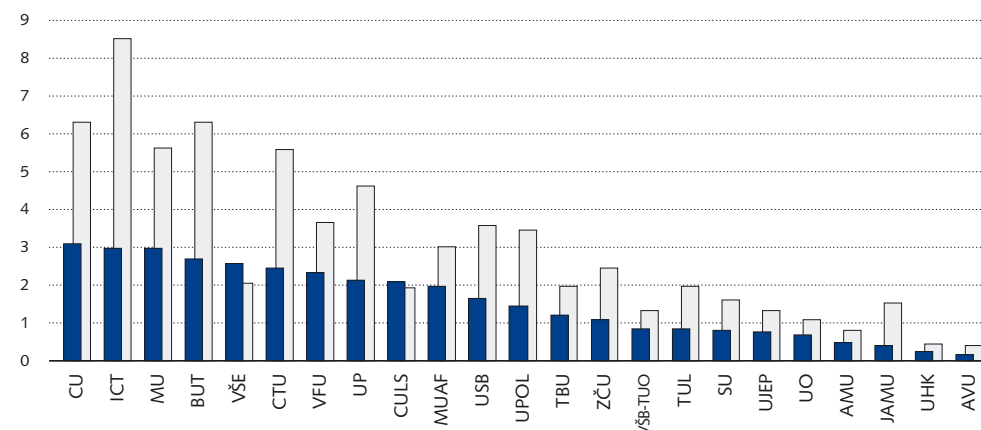
■ (points/full/part-time employment) x 0.1
■ number/full/part-time employment



Results achieved by a public university in R&D per full/part-time employment of academic staff
(according to the Methodology for evaluation of results of R&D in 2008 and UIV data)

Key:

■ (points/full/part-time employment) x 0.1
■ number/full/part-time employment



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

Table 3.15 Recognition by the academic community

Faculty	Memberships on boards of grant agencies	International conferences organised	Awards for academic and artistic activities
FL	9	12	—
FM	1	17	5
FS	6	10	1
FA	1	9	1
FE	2	26	—
FEA	—	5	—
FI	2	2	—
FSS	8	9	—
FSpS	—	1	—
Total	29	91	7

4. The University and Links to the Society

Table 4.1 Number and structure of publications issued 2006–2008

Faculty	2006			2007			2008		
	Study texts	Scholarly publications	Total	Study texts	Scholarly publications	Total	Study texts	Scholarly publications	Total
FL	38	13	51	21	17	38	32	12	44
FM	19	15	34	29	8	37	15	7	22
FS	15	12	27	22	16	38	12	15	27
FA	30	45	75	27	40	67	21	30	51
FE	31	21	52	34	30	64	25	28	53
FEA	35	27	62	26	17	43	12	14	26
FI	3	3	6	1	2	3	1	3	4
FSS	4	3	7	1	2	3	1	4	5
FSpS	4	7	11	5	6	11	5	7	12
RMU	—	32	32	8	24	32	5	23	28
Total	179	178	357	174	162	336	129	143	272

5. Development Activities and Support Processes

Table 5.1 Employee numbers at MU 2004–2008

	2004	2005	2006	2007	2008
Physical numbers:					
Academic staff	1,703	1,820	1,932	2,015	2,088
Non-academic staff	1,735	2,061	2,198	2,226	2,231
Total	3,438	3,881	4,130	4,241	4,319
Full-time equivalent employees:					
Academic staff	1,248.97	1,318.12	1,395.10	1,455.34	1,490.10
Non-academic staff	1,414.37	1,613.55	1,731.53	1,799.99	1,786.70
Total	2,663.35	2,931.67	3,126.63	3,255.33	3,276.80

Number of employees

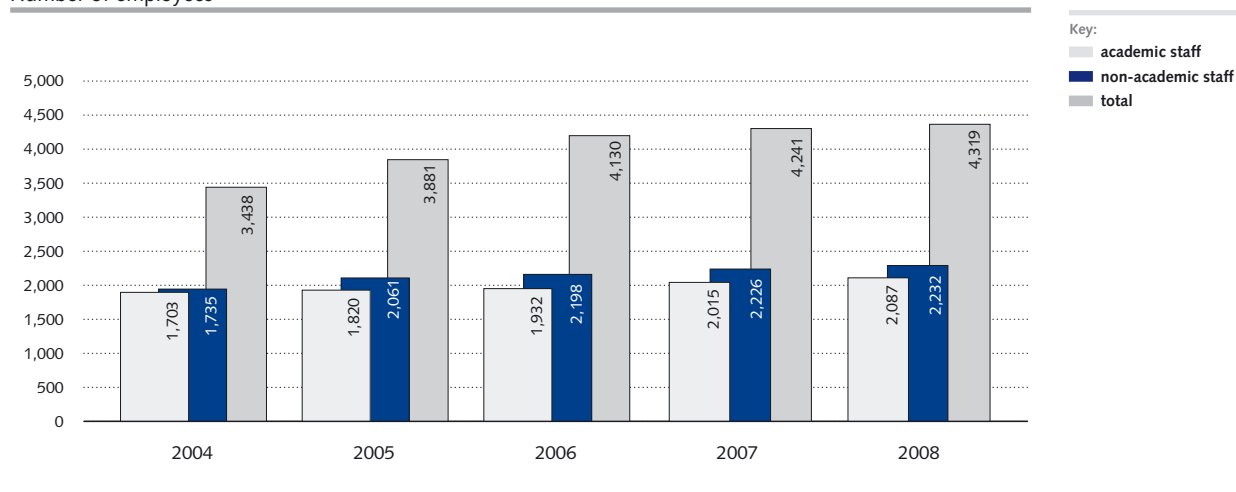




Table 5.2 Employee numbers at MU by faculty

Faculty	Physical numbers		Full-time equivalent employees	
	Academic staff	Non-academic staff	Academic staff	Non-academic staff
FL	93	59	82.00	56.25
FM	729	378	306.56	231.69
FS	301	528	258.87	387.58
FA	287	168	251.27	148.51
FE	247	102	216.94	93.80
FEA	116	66	93.46	59.74
FI	57	170	52.62	119.90
FSS	104	114	94.52	99.03
FSpS	89	45	75.71	41.31
Total	2,023	1,630	1,431.95	1,237.82

Table 5.3 Mean salaries of academic and non-academic staff at MU 2004–2008

	2004	2005	2006	2007	2008
Academic staff	33,000	38,336	39,777	42,588	44,348
Non-academic staff	20,187	22,563	24,185	26,044	28,951
Total	26,206	29,650	31,139	33,433	36,045

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

	2004	2005	2006	2007	2008
Total	1,468,685	1,629,259	1,879,882	2,043,469	2,170,529
Ministry of Education	1,442,017	1,577,118	1,824,463	1,978,139	2,125,682
of which: Teaching activities	1,388,100	1,534,797	1,807,320	1,958,461	2,099,479
Accommodation and Catering Services	52,352	41,768	16,674	18,415	25,544
Other	1,565	553	469	1,263	659
Other state budget sources, local and reg. governments	1,245	3,910	6,246	2,806	5,892
International and other	25,423	48,231	49,172	62,524	38,955

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

	2004	2005	2006	2007	2008
Total	361,898	560,513	632,483	720,335	777,167
Ministry of Education	253,183	413,861	473,659	561,920	584,104
of which: Targeted research	98,014	99,469	112,915	119,959	121,970
Long-term research plans	115,733	255,378	256,394	319,057	404,959
Other special funding of research	39,436	59,014	104,350	122,904	57,175
Other state budget sources, local and reg. governments	91,192	120,869	130,979	145,781	153,662
International and other	17,523	25,783	27,845	12,635	39,401

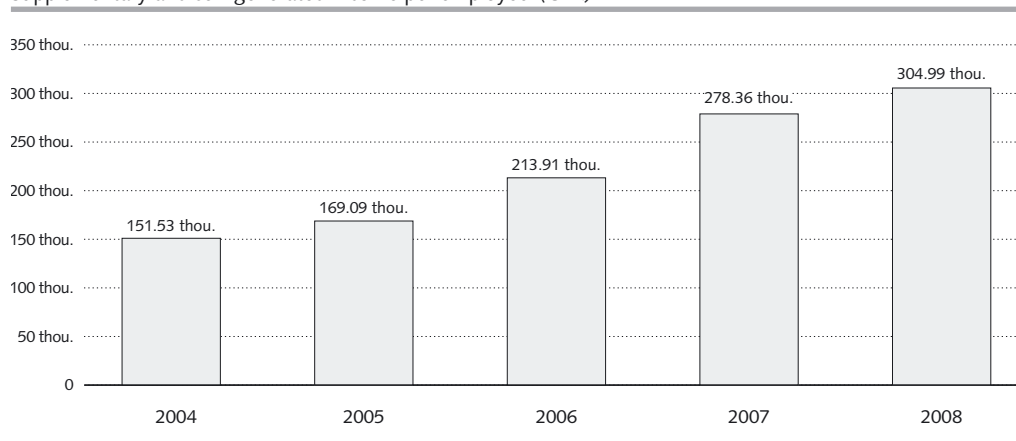
Table 5.6 Total non-capital revenues of MU (in thou. CZK)

	2004	2005	2006	2007	2008
Total	2,232,106	2,675,666	3,174,473	3,666,764	3,944,582
per student *	73.14	80.72	87.54	92.48	94.65

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

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

Supplementary and self-generated income per employee (CZK)



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

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

	2004	2005	2006	2007	2008
Intangible assets	73,951	76,993	95,201	98,400	107,917
Tangible assets	4,465,170	5,686,207	6,115,848	7,840,435	8,247,074
Total	4,539,122	5,763,200	6,211,049	7,938,835	8,354,991

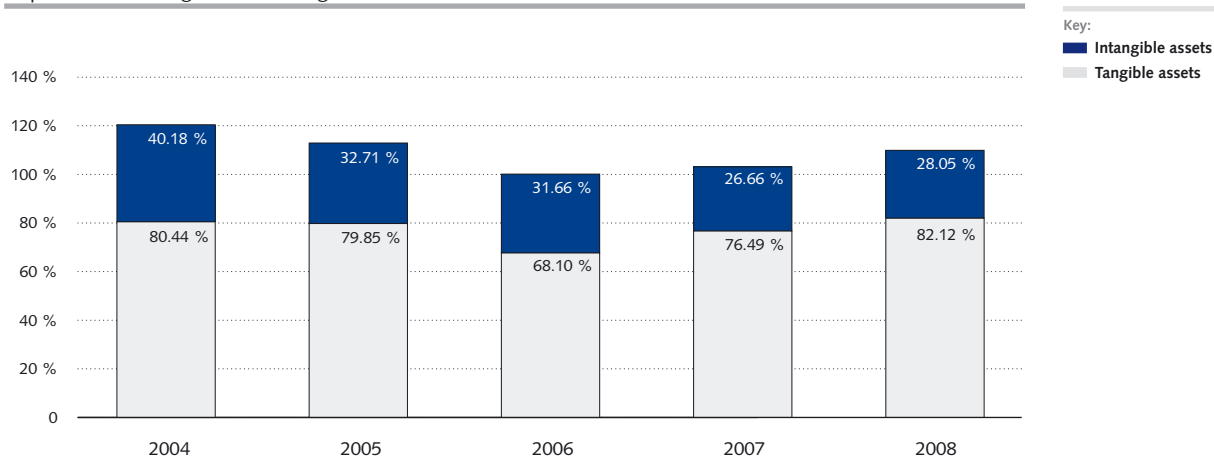
Table 5.9 Depreciation of tangible and intangible assets (in %)

	2004	2005	2006	2007	2008
Intangible assets	80.44 %	79.85 %	68.10 %	76.49 %	82.12 %
Tangible assets	40.18 %	32.71 %	31.66 %	26.66 %	28.05 %
Total	40.83 %	33.33 %	32.22 %	27.27 %	28.75 %

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

	2004	2005	2006	2007	2008
Immovable assets	2,672,857	3,711,253	3,919,030	5,347,738	5,625,422
Movable assets	1,792,313	1,974,954	2,196,763	2,492,697	2,621,652
Total	4,465,170	5,686,207	6,115,793	7,840,435	8,247,074

Depreciation of tangible and intangible assets (in %)



Depreciation of immovable and movable assets (in %)

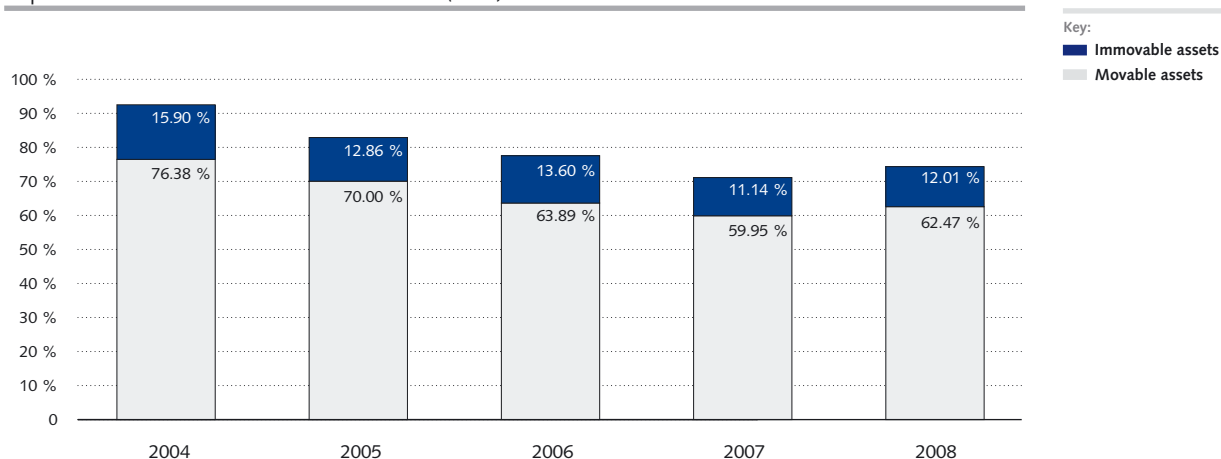




Table 5.11 Depreciation of real and movable assets (in %)

	2004	2005	2006	2007	2008
Immovable assets	15.90 %	12.86 %	13.60 %	11.14 %	12.01 %
Movable assets	76.38 %	70.00 %	63.89 %	59.95 %	62.47 %
Total	40.18 %	32.71 %	31.66 %	26.66 %	28.05 %

Table 5.12 Involvement in Development Programmes in 2008

Development programmes	Number of submitted projects	Number of accepted projects	Provided funds in thou. CZK		
			Capital	Current	Total
International promotion development programme	2	2	161	30,757	30,918
Programme for human resources training and development	2	2	0	9,387	9,387
Programme for equipment and modern technologies development	3	3	35,265	27,249	62,514
Programme for support of equal opportunities for admission to and study at a university, including advisory services development	2	1	0	4,000	4,000
Programme for support of development and activities of universities of the third age and other forms of lifelong learning for seniors	1	1	161	1,839	2,000
Programme for removal of weaknesses of a university	10	9	300	14,153	14,453
Centralized development projects (MU as a coordinator)	7	2	3,875	5,759	9,634
Centralized development projects (MU as a partner)	11	7	2,875	14,309	17,184
Centralized development projects (separate for universities)	3	2	700	20,692	21,392
Total	41	29	43,337	128,145	171,482

Table 5.13 MU involvement in programmes funded from the EU Structural Funds

Operational Programme (name)	Measure (name)	Project	Name	Amount provided in thou. CZK	Amount provided in thou. CZK for 008
Human Resources Development	3.1.	CZ.04.1.03/3.1.15.1/0,191	Activating and Educational Centre	8,276.88	144.75
Non-capital funds	3.1.	CZ.04.1.03/3.1.15.2/0,061	Creation of a Support Network for Innovative Forms of Life-Long Teaching to Pedagogic Workers and Workers in Education and their Sharing through E-learning in LMS Moodle	3,683.51	1,238.63
	3.1.	CZ.04.1.03/3.1.15.1/0,190	Integration Module for Secondary Education of Students with Hearing and Visual Disabilities	5,718.74	715.96
	3.1.	CZ.04.1.03/3.1.15.2/0,070	Improvement of Elementary School Teachers' Knowledge about the European Union	2,355.43	781.01
Total for Measure 3.1				20,034.55	2,880.35
Human Resources Development	3.2.	CZ.04.1.03/3.2.15.1/0,149	Improvement of Teaching and Professional Training of Students of Psychology and Social Pedagogy and Counselling	6,550.42	294.52
Non-capital funds	3.2.	CZ.04.1.03/3.2.15.1/0,153	High-quality Research in Educational Sciences: Improvement of Professional Competencies of Graduates	2,518.06	162.47
	3.2.	CZ.04.1.03/3.2.15.2/0,221	Improvement of Teaching and Professional Training of Students of Pedagogy and Counselling: Strengthening of Personal Competence of Graduates	5,211.56	1,468.16
	3.2.	CZ.04.1.03/3.2.15.1/0,151	Implementation of System Perspective into Teaching during Transition to Sustainable Development	7,507.34	600.39
	3.2.	CZ.04.1.03/3.2.15.1/0,152	Practical Studies Centre	8,131.55	723.90
	3.2.	CZ.04.1.03/3.2.15.1/0,159	Development of Competencies of Masaryk University Students in Soft Skill and Project Management	5,409.03	455.37
	3.2.	CZ.04.1.03/3.2.15.2/0,223	Incubator of Environmental Business Plans	1,524.92	594.07
	3.2.	CZ.04.1.03/3.2.15.1/0,150	Life-long Teaching in the Field of Special Pedagogy	4,724.72	472.22
	3.2.	CZ.04.1.03/3.2.15.2/0,225	Pedagogic Practice in the Environment of Socially Disadvantaged Groups	1,219.94	121.93
	3.2.	CZ.04.1.03/3.2.15.1/0,146	Integration Module for Tertiary Education of Students with Hearing and Visual Disabilities	7,977.91	3,776.80
	3.2.	CZ.04.1.03/3.2.15.2/0,228	Improvement of Students' Ability to Find a Job through Practically Oriented Seminars	2,475.94	349.51
Total for Measure 3.2				53,251.39	9,019.34
Total HRD OP				73,285.94	11,899.69
Operational Programme Industry and Enterprise Prosperity	1.1	1.1/004	Centre for Transfer of Technologies of Masaryk University		
Capital funding				855.98	855.98
Non-capital funding				9,853.72	8,240.83
Total OPIE				10,709.70	9,096.81
Total capital funding				855.98	855.98
Total non-capital funding				83,139.66	20,140.52
Total capital + non-capital funding				83,995.64	20,996.50

Note:
HRDOP:
 – Measure 3.1 – Improvement of education in schools and educational institutions and development of support systems in education
 – Measure 3.2. – Support of tertiary education, research and development
 – only current funds

Table 5.14 Involvement in the Higher Education Development Fund (FRVŠ)

Theme	Number of accepted projects	Provided funds in thou. CZK		
		Capital	Current	Total
A	14	19,861	0	19,861
B	3	0	567	567
C	0	0	0	0
D	0	0	0	0
E	0	0	0	0
F	36	0	4,264	4,264
G	26	0	2,835	2,835
Total	79	19,861	7,666	27,527

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

	Renovation 233 333	Bohunice Campus 233 332	Programme 233 330
MU-LOAN	0	1,775	1,775
MU	416	393	809
Ministry Finance – EIB	581	342	923
Ministry of Education	302	1,914	2,216
Ministry of Education – compensation of exchange rate losses	0	422	422
The City of Brno	0	297	297
Total	1,299	5,143	6,442

Table 5.16 Time-Schedule of Programme Financing (in mil. CZK)

	2002	2003	2004	2005	2006	2007	2008	2009	2010	Total
Renovation 233 333	113	250	259	338	136	79	123	0	0	1,298
Bohunice Campus 233 332	15	173	130	616	1,026	906	496	1,532	250	5,144
Programme 233 330	128	423	389	954	1,162	985	619	1,532	250	6,442



6. Information Infrastructure

Table 6.1 MU libraries

Faculty/Unit	Central faculty libraries	Specialized libraries	Department libraries	Reading room capacity	Acquisition funds (in thou. CZK)	Full-time equivalent staff	Opening hours per week/hours
FL	1	0	1	145	3,867	10.0	53
FM / KUK	1	0	74	970	4,015	18.3	46
FS	1	0	12	310	2,489	13.5	42
FA	1	0	20	521	3,035	34.0	71
FE	1	0	5	148	1,150	12.0	52
FEA	1	0	1	135	2,300	9.0	50
FI	1	0	0	32	1,200	2.3	48
FSS	1	0	0	232	3,016	11.5	58
FSpS	1	0	0	20	380	3.0	48
SCSSN	0	1	0	44	678	3.9	40
Total	9	1	113	2,557	22,130	117.5	Average: 51

Table 6.2 MU library collections

Faculty/Unit	Library items			Periodical titles (print)		Number of new items		Reduction in items
	Total	Books and periodicals	Open-shelf access	No. of titles	No. of copies	Total	Books and periodicals	
FL	130,118	116,574	58,755	1,191	1,295	5,127	4,307	2,241
FM / KUK	160,103	157,473	45,330	244	266	19,389	18,186	578
FS	348,221	276,474	55,646	624	1,287	4,008	3,900	728
FA	754,220	738,962	181,302	727	776	11,637	10,346	5,931
FE	146,479	139,453	33,823	235	314	6,325	5,684	6,838
FEA	55,084	49,386	49,386	130	218	3,745	3,668	46
FI	15,869	15,730	15,730	92	95	1,558	1,546	2,458
FSS	50,839	45,678	27,806	182	206	4,347	3,820	167
FSpS	11,550	11,089	11,180	72	96	2,081	1,826	77
SCSSN	4,379	2,329	2,981	3	3	608	508	65
Total	1,676,862	1,553,148	481,939	3,500	4,556	58,825	53,791	19,129

Table 6.3 MU library services

Faculty/Unit	Registered users	Registered loans	Inter-library loan service	International loan service	Research services	Instructional sessions for users	Number of copies made
FL	8,728	111,479	199	17	0	2	42,180
FM / KUK	5,915	82,743	1,071	54	75	86	153
FS	3,489	47,019	713	86	0	32	0
FA	9,017	189,753	1,055	0	52	29	871
FE	16,495	96,966	201	35	8	90	0
FEA	8,507	89,420	198	62	0	13	0
FI	3,028	11,000	127	36	0	4	0
FSS	8,506	38,422	374	47	0	29	11,485
FSpS	2,165	18,047	70	12	16	0	5,761
SCSSN	191	163	0	0	0	1	41,503
Total	66,041	685,012	4,008	349	151	286	101,953



LIST OF ABBREVIATIONS

CEITEC	Central European Institute of Technology
FA	Faculty of Arts
FE	Faculty of Education
FEA	Faculty of Economics and Administration
FI	Faculty of Informatics
FL	Faculty of Law
FM	Faculty of Medicine
FS	Faculty of Science
FSpS	Faculty of Sports Studies
FSS	Faculty of Social Studies
MU	Masaryk University
OIS	Office for International Studies
TTO	Technology Transfer Office
U3A	University of the Third Age
UCB	University Campus at Bohunice
UCT	University Centre Telč



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