

MASARYK UNIVERSITY BRNO



**ANNUAL REPORT**  
**MASARYK UNIVERSITY BRNO**  
**1999**

Brno – Czech Republic  
2000

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Dear reader,

In this volume Masaryk University presents the sixth annual report of its activities for the past calendar and financial year (the year 1999).

The 1999 year saw Masaryk University continuing in its process of development, the trends of which serve to confirm its 80 year tradition as second university of the Czech Republic and the largest school of higher education in Brno. The growing number of students and applicants reflects the high level of interest in university education, and proves its importance with regard to professional engagement in the society of today and public demand for an open educational system. Striving to meet needs and demands, Masaryk University has extended the range of study programmes it offers and has increased its capacity in spite of the fact that the current setting of financial parameters of normative funds penalizes such behaviour.

Masaryk University's aim is to profile itself as a university with a large share of its own research activities. The school endeavours to achieve permanent growth in grant activities and the systematic reducing of the average age of academics participating both in research and education. Activities connected to the implementation of institutionalized research projects are of major importance, and profiling research work at individual MU faculties concentrates on these issues. A high-quality research background enables Masaryk University to be involved in the work of newly established centres of basic and applied research.

The priority development aim of Masaryk University is the construction of its campus in Bohunice. The year 1999 saw a series of key negotiations with the Brno Council Office and at ministerial level which concentrated on the material and financial support of the project, thus creating prerequisites for the further negotiating of financial support with European finance institutions.

The structure of this report corresponds with the structure of its previous issues, and enables the public to compare the highlights in the development of Masaryk University in terms of both quantity and quality. Modifying details answer requirements of Act No. 111/98 in Coll. on Higher Education, which imposes the issuing of an annual report on all schools of higher education in the Czech Republic. Masaryk University also published the Long-term Outlook of MU, another significant document available open to the public in which the university gives information about its activities from a slightly different angle. This document was completed in the autumn of 1999, was discussed and approved by appropriate boards and negotiated with the Ministry of Education, Youth and Sport of the Czech Republic.

In 1999, MU strove to meet the wording of Act No. 111/98 in Coll. on Higher Education and to fulfil its new position as a public legal institution. It processed new statutory regulations, and concentrated on the implementation of a more integrated range of study which allows greater permeability through individual study subjects and disciplines by means of a newly created university-wide information system.

Jiří Zlatuška  
Rector

## SUMMARY

Masaryk University presents its sixth Annual Report on its activities in the past year, this time 1999. The structure of the Report corresponds to that of previous years, with minor modifications conforming to the requirements of Law No. 111/1998 on Schools of Higher Education.

### Research and Development

The Academic Council held five sessions in 1999 and discussed 11 nominations to confer the degree of full professor, proposals to award honorary academic degrees and gold and silver medals, and proposals to accredit doctoral study programmes; furthermore, it discussed five nominations to confer the degree of associate professor, of which two were passed, and bestowed two degrees of Doctor of Mathematics and Physics.

The proportion of professors at MU is ten percent, that of associate professors 25 percent, senior lecturers I (with PhDs) 36 percent, senior lecturers II (without PhDs) 17 percent, and assistant lecturers four percent. The relatively high number of senior lecturers without doctor's degrees continues to be worrying.

The overall number of doctoral students keeps growing; compared to previous years, their relative share by faculty remains the same as the percentage of full-time students. The ratio of graduates to the overall number of students keeps decreasing slightly and continues to be very unfavourable.

The Faculties began to carry out their research proposals funded by the scheme of institutional financing of research and development. Scientific co-operation with the Academy of Science of the Czech Republic as well as other research centres developed further. The total number of grants and the volume of finance have a growing tendency, even though a certain saturation is apparent here, indicating reserves rather than limitations within MU's capacity. The optimal proportion of investment and non-investment funds obtained from grants should be considered as well.

### Teaching

A total of 33,037 applicants submitted applications to study at MU in 1999. The number of applications was again several times higher than the university's capacities. The number of students kept growing at a pace characteristic of the whole of the 1990s, to reach a total of 18,785 at the end of 1999. The number of students per university employee has grown as well.

There are 572 foreign students at MU, which amounts to three percent of all full-time students. The number of foreign students has grown by 57 in the academic year 1999/2000 over the previous year.

To meet the increased demand, MU accredited new fields of study. The range of subjects was thus widened at the Faculty of Medicine, Faculty of Arts, School of Social Studies, Faculty of Education, Faculty of Informatics and Faculty of Economics and Administration, while special support was given to interdisciplinary studies.

The Information System began to be used extensively, providing services to teachers and students as well as administration staff.

## **International Co-operation and Public Relations**

The mobility of students in terms of travel abroad continued to increase, especially within the SOCRATES-ERASMUS programme, even though the number of Czech students making trips abroad was still higher than that of foreign students coming to study at MU.

For the first time, Masaryk University started to offer programmes taught in foreign languages to foreign students in the academic year 1999/2000 (three projects). In co-operation with the teachers of the University of Rennes, Czech students were offered a French-Czech educational programme under the title 'European Public Administration'. The number of contracts with American universities has increased significantly.

The UNESCO Chair for Museology and World Heritage further developed relations with East-European universities.

The main problem in getting foreign students to study both on long-term and short-term programmes at MU is the insufficient scope of teaching (regular programmes as well as short courses) in foreign languages.

In 1999, Masaryk University, along with other Brno schools of higher education, celebrated the 80<sup>th</sup> anniversary of its founding. The academic environment in Brno adopted the idea of mutual co-operation amongst the schools of higher learning as well as with the city authorities. This idea then materialized in a long-term integrative project entitled 'Brno – City of Universities'.

## **Student Welfare and Publishing Activities**

The University managed to better accommodate the demand for beds at its halls of residence: out of the total number of 14,191 full-time students, 30 percent were accommodated at the beginning of school year, which represents 71 percent of the total number of applicants. The quality of accommodation at the halls of residence has increased without there being a rise in the average hall fee. For 1999/2000, new unified criteria for the allocating of places at halls of residence were approved. The main criterion was the temporal distance between the student's home address (as stated in the registry of the study department) and Brno. The secondary criterion was the student's social background.

The number of people eating at refectories continues to fall, in spite of the fact that the quality of food seems to have increased. The number of meals served dropped by 13 percent compared to last year; this can be explained by the introduction of a new microchip card system whereby the number of portions is strictly compared to the number of people they are served to, something that is impossible to do in the food voucher system. By this means, the more effective control of the use of food subsidies was achieved.

In 1999, Masaryk University Press published 279 titles of a non-periodical character, which represents a slight decrease compared to previous years; 53.4 percent (149) were teaching texts and 46.6 percent (130) were scholarly publications. Masaryk University Press printed 59 percent (165) of the titles, while external printing houses produced 41 percent (114). Eighty-nine percent of the income of Masaryk University Press came from its main activities while the remaining eleven percent was acquired from secondary economic activities.

The activities of the MU Consultancy Centre focused on providing career-related, legal and psychological counselling services. Psychological counselling was provided to 92 clients, career and study counselling to 760 clients.

## **Management**

On 1<sup>st</sup> January, 1999, Masaryk University became a public school of higher learning. The new management of the University was faced with the necessity to solve a number of legislative and property-related legal problems and it had to adopt a new system of funding based on subsidies.

New sources of finance (not coming out of the state budget) were extensively sought; the main agent in this was the newly established Board of Directors of Masaryk University. Relations between the University and the Faculties had to be defined anew.

The main priority in the strategic development of the university continued to be the building of the new Masaryk University Campus in Brno-Bohunice. Extensive negotiations were held with the Municipal Council of the City of Brno as well as the Ministry of Education, both with its relevant departments and on a supra-departmental level.

The management tackled the problem of redistributing financial resources within Masaryk University. In spite of all its efforts and determination, the school suffered an accounting loss of operational funds amounting to CZK 3.8 million. However, if the final sums involved in the year 1999 are compared (total proceeds reached the sum of 1,177 billion, while costs amounted to 1,181 billion), the loss is negligible and was covered by financial means from the reserve fund.

The loss in the sphere of main activities reached CZK 29 million. This fact attests to the necessity of firmly negotiating with the Ministry of Education about changes in its subsidizing policies. Universities such as MU suffer financial losses in an obsolete system for the normative financing of faculties with a low-cost factor. The founding of two new faculties, whose character cannot be described as duplicating present capacities (the Faculty of Informatics and School of Social Studies), was not taken into consideration. Furthermore, these disciplines are in great demand on the labour market and their graduates represent an export commodity.

A major factor influencing running costs is a growth in depreciation, which has become a part of the subsidies of education and correspondingly lowers the amount of finance available for covering running costs, especially at universities involved in large investment grants and which are developing their infrastructure.

## **Academic Senate**

The Academic Senate of Masaryk University was mainly involved in putting the Law on Schools of Higher Education (No. 111/98) into practice.

‘A Long-term Outlook for Masaryk University to the Year 2005’ was amended and then unanimously approved at the beginning of November.

A session of the extended Rector’s Advisory Board (including the representatives of the Academic Senate of MU), held in Šlapanice, discussed the economic problems of MU in the next year.

## **MU Archives**

Masaryk University Archives kept 26 so-called administrative funds, 97 personal funds of leading scientists and 41 archive funds of associations, academic societies and social organizations whose activities were related to those of Masaryk University. An organic part of the archives are ten historical collections.

## **Centre for the Further Education**

This department offers 159 accredited courses to schools via the university-wide subject catalogue. Last year, 457 seminar days were held, with 5,886 participants.

Based on a contract with the Czech School Inspection Board, the Centre organized a series of courses for the Board's employees. All of these, meaning 300 inspectors, took part in nine three-day courses.

The Centre continued to co-operate with its foreign partners in the methodology of foreign language teaching, management and in the training of so-called moderators involved in the further education of teachers in the regions.

### **Department of Foreign Languages**

In the seven sections of the Department, teachers and foreign lecturers focus on special features of professional language and the teaching of academic skills in English, German, French, Spanish and Russian.

In 1997, the Department of Foreign Languages was accepted in CERCLES, an international organization of language departments; the Centre is the co-ordinator of a forthcoming TESOL Teacher Education programme at Masaryk University and co-operates extensively with the British Council.

### **Department of Physical Education**

The Department provides physical education courses at the faculties via its faculty departments. The Department is the only guarantor of the activities of the University Sports Club 'University Brno'.

In co-operation with the Sports Club, the Department organized a number of important sports events: the International Academic Championship of the Czech Republic as part of the UNI/FIS European Cup in Alpine Skiing, the Academic Championship of the Czech Republic in Classical Skiing, and academic championships of the Czech Republic in table tennis, golf, karate and sport aerobics.

### **Institute of Computer Science**

The Institute of Computer Science was mainly involved in expanding the external Internet presentation of Masaryk University. It developed and ran MU's internal economic system and librarian information services.

MU operates the main connection point of the TEN 155 network to the Brno Academic Computer Network (BAPS). In co-operation with VUT Brno (Brno Technical University), it administers 45 kilometres of optical cables that form the basis of the metropolitan spine connecting the institutions of the Brno schools of higher education and the Academy of Sciences. To further improve BAPS, the optical cable network was substantially extended to connect the MU Bohunice campus.

The Institute houses the main servers related to the Supercomputer Centre, especially the SGI Origin 2000 supercomputer, the SGI InfiniteReality2 Onyx2 graphic processor, and the SGI Power Challenge XL supercomputer.

### **International Institute for Political Studies**

The International Institute of Political Science focuses on organizing seminars and conferences, publishing periodicals and professional journals and carrying out research projects on the following topics: 'Regions in the Czech Republic in Cross-Border Co-operation', 'The Czech Republic and Its Neighbours in the Process of Integration (Parts I and II)', 'Current Changes in the Czech Constitution', 'Minority Politics in Post-communist Countries' and 'Central Europe in Transformation'.

The Institute publishes the quarterly 'Journal of Political Science' (Politologický časopis) and opened another year of a two-monthly monitoring under the title 'Politics in the Czech Republic'. It publishes a new multi-language web magazine called 'Central European Studies

in Political Science'. Besides publishing regular periodicals, the Institute started two new series entitled 'Studies' and 'Monographs'.

### **Institute of Strategic Studies**

The Institute of Strategic Studies takes part in a larger project entitled 'The Central European Forum for Security and Co-operation' involving, besides Masaryk University, the University of Dresden and Jagellon University Cracow. In the middle of last year, the Institute began to publish the bulletin 'Analyses and Studies'.

The Institute pays due attention to the acquiring of additional funds and support from sources outside the University.

### **Masaryk University Information System**

The development of the Masaryk University Information System (is.muni.cz) began in December 1998. The first applications for testing were available to a limited number of users in January 1999. Officially, the Information System came into operation on 1<sup>st</sup> March, 1999. At the end of 1999, the system was used by almost 12,000 active users.

The Information System project enjoys a high priority at MU; it creates an integrated environment for the electronic administration of the credit system of study and other activities.

In the first phase, fully functional accounts for all employees and students were created and all operations with personal data and entries in the system were integrated within it (350 duplicate entries were removed, as well as the ambiguous birth registration number identification). Importantly, the system can be accessed from the Internet, with encrypted data transfers. About 20 percent of accesses were made from networks outside MU, mass complex operations (course registrations at the large faculties) amounted to 90 percent.

### **FACULTIES OF MASARYK UNIVERSITY**

Each of the eight faculties of Masaryk University strove to modernize their teaching and enlarge the range of study programmes they offer, increase the number of students, acquire further financial resources, and last but not least, extend their contacts with foreign universities.

The most dynamic development was noted at the youngest faculty, i.e. the School of Social Studies, which entered the second year of its existence. This trend is likely to continue in the next few years.

The Faculty of Informatics continued its long-term co-operation with foreign universities and laboratories.

With both these faculties, the main problem remains the current policy of acquiring enough finance from the Ministry of Education to cover the growth in the number of university students, which has so far ignored our applications for exemption from its all-too-stringent policies.

The last of the 'younger' faculties of Masaryk University, i.e. the Faculty of Economics and Administration, placed an emphasis on the problems involved in training Czech administration workers for the entry of the Czech Republic into the European Union.

The Faculty of Science continues to be the 'flagship' of Masaryk University, both concerning the volume of grants received and the scope of research activities.

The Faculty of Medicine can be characterized in a similar way; furthermore, it opened new bachelor's study programmes and courses.

The Faculty of Arts and the Faculty of Education managed to increase student and teacher mobility substantially.

The Faculty of Law examined the possibility of teaching in English successfully, offering a course in the international refugee law.



## *MU Organizational Chart in 1999*

MU Rector's Office

### *MU Fakulties*

Faculty of Law

Faculty of Medicine

Faculty of Science

Faculty of Arts

Faculty of Education

Faculty of Economy and  
Administration

Faculty of Informatics

School of Social Studies

### *University Institutes*

International Institute for Po-  
litical Studies

Institute of Strategic Studies

Institute of Computer Science

### *Other Establishments*

MU Archives

Language Training Centre

Centre for the Further  
Education

Department of Physical  
Education

UNESCO Chair for Museo-  
logy and World Heritage

Student Advisory Centre

### *University-wide Services*

Halls of Residence  
and Refectories

University Press

### *Institutions closely connected to MU*

Universitas Masarykiana  
Foundation

University Sports Club

## **RECTOR'S OFFICE OF MASARYK UNIVERSITY**

Žerotínovo nám. 9, 601 77 Brno

Phone:++420-5-42 128 111

<http://www.muni.cz>

**Prof. Dr. Jiří Zlatuška**

Rector

**Prof. Dr. Eduard Schmidt**

Vice-Rector of Science and Research

**Assoc. Prof. Dr. Zuzana Brázdová**

Vice-Rector of Education

**Prof. Dr. Jiří Fukač**

Vice-Rector of International Affairs and Public Relations

**Assoc. Prof. Dr. Zdeňka Gregorová**

Vice-Rector of Students' Affairs and Publishing Activity

**Ing. František Gale**

Bursar

**Assoc. Prof. Dr. Vladimír Palyza**

Chairman of Academic Senate of MU

## **BOARD OF DIRECTORS OF MASARYK UNIVERSITY BRNO**

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### **Chairman:**

Dr. Petr Duchoň, Mayor of the City of Brno, Brno Council Office

Ing. Ondřej Felix, ORACLE CZECH, Prague

Dr. Ivan Gabal, Gabal Analysis and Consulting, Prague

Dr. Miloš Holeček, Constitutional Court of the Czech Republic

Prof. Dr. Ladislav Kováč, Comenius University Bratislava

Dr. Luděk Niedermayer, Czech National Bank, Prague

Dr. Eliška Wagnerová, Chair of the High Court of the Czech Republic

Assoc. Prof. Ing. Jiří Volf, Deputy Minister, Ministry of Finance of the Czech Republic

Ing. Jaroslav Mráz, Ministry of Interior of the Czech Republic

Ing. Jiří Müller, Advisor of the Czech Government Minister for Non-profit Institutions

Ing. František Hronek, Ministry of Education, Youth and Sport of the Czech Republic

Assoc. Prof. Dr. Jan Sokol, Advisor to the Minister of Education, Youth and Sport of the Czech Republic

Assoc. Prof. Dr. Jaroslava Moserová, Senator, Parliament of the Czech Republic

František Derfler, National Theatre, Brno

Mojmír Weimann, Director of National Theatre, Brno

## ACADEMIC COUNCIL OF MU

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### Internal members of the MU Academic Council (as of March 1 1999)

Prof. Dr. Josef Bejček,  
Faculty of Law

Prof. Ing. Ladislav Blažek,  
Faculty of Economics and Administration

Assoc. Prof. Dr. Zuzana Brázdová,  
Faculty of Medicine

Prof. Dr. Rostislav Brzobohatý,  
Faculty of Science

Prof. Dr. Karel Dvořák,  
Faculty of Medicine

Assoc. Prof. Dr. Petr Fiala,  
School of Social Studies

Prof. Dr. Jiří Fukač,  
Faculty of Arts

Assoc. Prof. Dr. Zdeňka Gregorová,  
Faculty of Law

Prof. Dr. Jozef Gruska,  
Faculty of Informatics

Prof. Dr. Josef Humlíček,  
Faculty of Science

Prof. Dr. Jiří Kroupa,  
Faculty of Arts

Prof. Dr. Jindřich Lokaj,  
Faculty of Medicine

Assoc. Prof. Luděk Matyska,  
Faculty of Informatics

Prof. Dr. Ivo Možný,  
School of Social Studies

Prof. Dr. Jana Nechutová,  
Faculty of Arts

Prof. Ing. Pavol Ondrčka,  
Faculty of Economics and Administration

Prof. Dr. Ivan Rektor,  
Faculty of Medicine

Prof. Dr. Jiří Rosický,  
Faculty of Science

Assoc. Prof. Dr. Ota Říha,  
Faculty of Education

Assoc. Prof. Dr. Ivan Seidl,  
Faculty of Arts

Prof. Dr. Eduard Schmidt,  
Faculty of Science

Prof. Dr. Vladimír Sklenář,  
Faculty of Science

Prof. Dr. Rudolf Šrámek,  
Faculty of Education

Assoc. Prof. Dr. Ivo Telec,  
Faculty of Law

Prof. Dr. Jiří Vorlíček,  
Faculty of Medicine

Prof. Dr. Jiří Zlatuška,  
Faculty of Informatics

### External members of the MU Academic Council (as of March 1 1999)

Prof. Dr. Michal Anděl, LF UK

Dr. Jiří Grygar, FÚ AV ER

Prof. Dr. Pavel Hollander, Constitutional Court

Assoc. Prof. Ing. Ivan M. Havel, CTS UK

Petr Jakeš, PĚF UK

Assoc. Prof. Ing. Josef Koubek, VŠCHT

Dr. Stanislav Kozubek, BÚ AV ČR

Prof. Dr. Miroslav Liška, VUT

Prof. Dr. Martin Potůček, FSV UK

Dr. Jan Sadlak, UNESCO

Prof. Dr. Jaroslav Smítal, FPF SU

Assoc. Prof. Dr. Jan Sokol, Prague

Prof. Dr. Vladimír Souček, MÚUK

Prof. Ing. Juraj Stern, EU Bratislava

Prof. Ing. František Turnovec, UK

# RESEARCH AND DEVELOPMENT

Prof. Dr. Eduard Schmidt, Vice-rector

In 1999, the Academic Council of MU met five times. The Rector informed regularly the members of the AC of the affairs of Masaryk University, and eleven motions for the conferring of the degree of Professor, honourable academic degrees and Gold and Silver Medals, and accreditation of doctoral study subjects were discussed. One meeting addressed with the subject of proposals for the accreditation of higher doctorate ("habilitace") subjects and professor proceedings.

## Proceeding to confer the degree of Professor and Associate Professor

The Academic Council of MU discussed eleven motions for the conferring of the degree of Professor eleven of which were accepted:

- Assoc. Prof. Dr. Aleš Roztočil - obstetrics and gynaecology
- Assoc. Prof. Dr. Jan Keller - sociology
- Assoc. Prof. Dr. Josef Brůžek (South Bohemian University České Budějovice) - Czech history
- Assoc. Prof. Ing. Ladislav Blažek - management theory
- Assoc. Prof. Dr. Jiří Kroupa - art history
- Assoc. Prof. Dr. Pavel Kurfurst - musicology
- Assoc. Prof. Dr. Michal Košut - music education specializing in composition and interpretation
- Assoc. Prof. Dr. Jaromír Vaňhara - zoology
- Assoc. Prof. Dr. Jiří Toman - internal medicine
- Assoc. Prof. Dr. Jiří Vaněk - stomatology

- Assoc. Prof. Dr. Miroslav Bartušek - mathematical analysis

Furthermore, the AC discussed five proposals for the conferring of the degree of Associate Professor, two of which were accepted.

The Academic Council conferred the degree of Doctor of physical and mathematical science on:

- Assoc. Prof. Dr. Olga Krupková (Silesian University, Opava)
- Assoc. Prof. Dr. Jan Slovák (Faculty of Science, MU Brno)

The Academic Council of MU has gradually increased the quality of proceedings to confer the degree of Professor and higher doctorate proceedings. This trend was reflected in the number of higher doctorate motions which the Council did not recommend for the conferring of the degree of Associate Professor. In 1999, the number of proceedings to confer the degree of Professor and Associate Professor decreased. Concerning the conferring of the degree of Professor, the amount will probably be balanced in the course of next year. In the case of the degree of Associate Professor, the saturation and exhaustion of MU possibilities played a major role, and this trend will continue in the future. In both types of proceeding, there is an unfavourable male/female ratio.

Table 1a - Professors appointed at MU in 1999

Faculty	Total	Of that from MU	Of that women	Average age	Dispersion
FM	3	3	0	52,7	46–60
FA	3	2	0	49,0	48–59
FL	0	0	0		
SchSS	1	1	0	44,0	44
FS	2	2	0	53,0	52–54
FI	0	0	0		
FE	1	1	0	45,0	45
FEA	1	1	0	54,0	54
MU	11	10	0	49,6	44–60

Table 1b - Associate Professors appointed at MU in 1999

Faculty	Total	Of that from MU	Of that women	Average age	Dispersion
FM	7	6	2	41,7	35–47
FA	10	2	3	48,8	33–77
FL	2	2	1	46,5	46–47
SchSS	2	1	0	41,5	40–43
FS	17	13	1	46,3	32–60
FI	0	0	0		
FE	8	5	1	46,0	38–56
FEA	0	0	0		
MU	46	29	8	45,1	32–74

Table 1c - Number of proceedings for conferring of degrees of Professor and Associate Professor

	1992	1993	1994	1995	1996	1997	1998	1999
Professors	25	19	19	16	18	13	18	11
Associate Professors	53	74	52	55	62	57	69	46

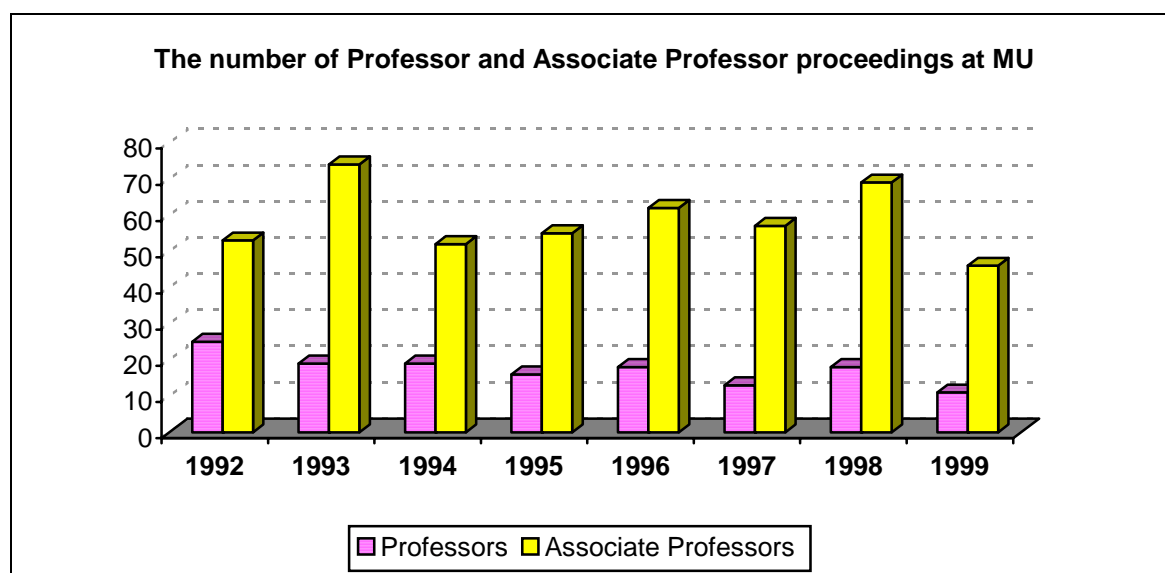


Table 1d - Average number of teachers on December 31 1999

Faculty	Prof.	Assoc. Prof.	Senior Assistant II	Senior Assistant I	Assistant	Lecturer	Foreign lecturer	Research worker	Total
FM	35,0	75,6	132,9	38,0	11,2	5,4	0,0	6,0	304,1
FA	23,9	33,4	54,6	37,9	10,0	2,0	7,6	2,0	171,4
FL	4,0	27,1	33,9	6,0	2,9	0,0	0,0	0,0	73,9
SchSS	3,0	11,4	6,5	5,0	5,5	0,7	0,0	0,0	32,1
FS	33,8	71,2	91,1	4,2	0,0	1,3	0,0	4,0	205,6
FI	4,6	10,8	8,5	4,2	2,7	0,0	0,0	17,0	47,8
FE	7,6	51,7	68,0	73,2	3,2	3,1	7,9	0,0	214,7
FEA	6,4	16,9	14,1	15,4	8,1	0,1	0,0	3,0	64,0
Univer-sity staff	0,0	3,0	16,5	17,4	2,8	38,5	3,8	0,0	82,0
MU	118,2	301,0	426,0	201,4	46,5	51,1	19,2	32,0	1195,6

A comparison of this year's average number of teachers with last year's proves a favourable trend at Masaryk University; the differences between individual MU faculties, however, have remained. In table 1d, numbers are stated which - for the evaluation of MU faculties - must be related to a total number of employees. The proportion of MU Professors amounts to

10%, Associate Professors to 25%, Senior Assistants (Ph.D.) to 36%, Senior Assistants (without Ph.D.) to 17% and Assistants to 4%. A disturbing fact is that a relatively high number of senior assistants are still without a Doctor's degree.

Table 1e - Professors' average age

	FM	FA	FL	SchSS	FS	FI	FE	FEA	RO	Average
1995	62	64	60		61	60	65	65		62
1996	62	64	61		61	61	64	64	67	63
1997	62	65	61		61	62	64	65		63
1998	61	65	60	61	60	63	65	66		62
1999	60	64	54	62	59	63	65	66		61

Table 1f - Associate Professors' average age

	FM	FA	FL	SchSS	FS	FI	FE	FEA	RO	Average
1995	54	54	47		51	49	55	54	50	53
1996	55	54	47		52	50	55	55	51	53
1997	54	52	48		53	50	55	54	52	53
1998	53	53	48	46	53	49	56	55	53	53
1999	53	52	49	46	53	49	56	56	54	53

Table 1g - Senior Assistants' average age

	FM	FA	FL	SchSS	FS	FI	FE	FEA	RO	Average
1995	42	42	36		42	37	43	44	43	42
1996	43	41	36		43	37	43	42	44	42
1997	43	41	37		43	38	43	43	45	42
1998	43	41	37	38	42	39	44	42	45	42
1999	42	40	37	36	40	38	44	44	41	41

### Study for the Doctor's degree

Basic statistic data are given in Tables 2a and 2b. The total number of students for a Doctor's degree has an ever growing tendency, though in comparison with previous years the ration between faculties has stayed

the same. The percentage of full-time students has reached last year's level.

In comparison with 1998, the number of graduates was not increased. The share of graduates in the total number of students decreased slightly, thus maintaining a very unfavourable ratio.

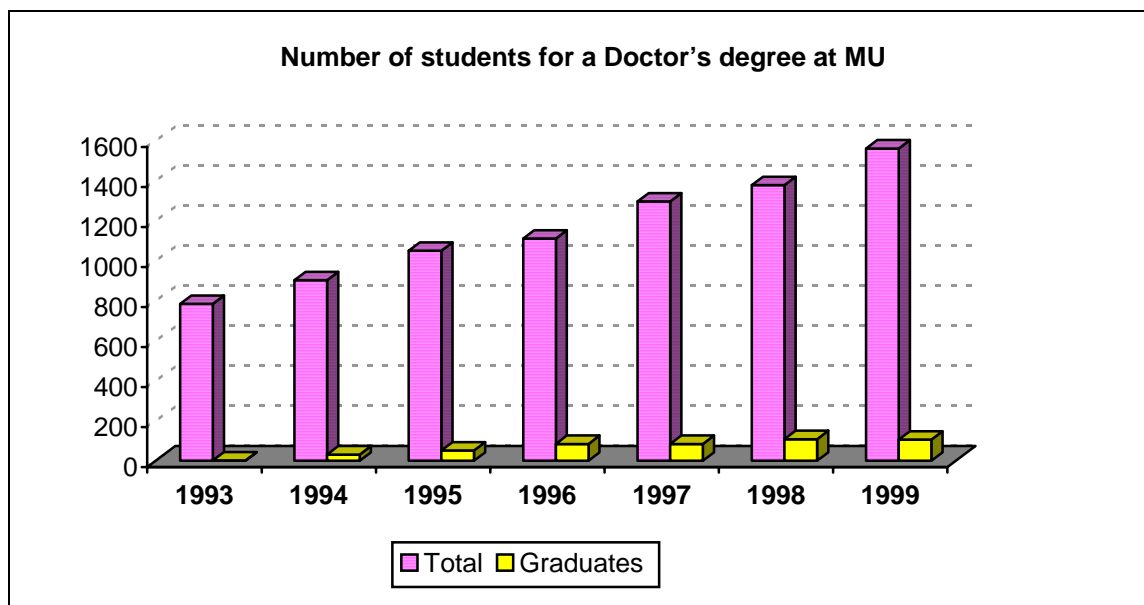
Table 2a - Doctoral studies at Masaryk University

Faculty	<i>Czech</i>			<i>Foreign</i>			<i>Total</i>			<i>Graduate</i>
	Full-time	Combi- ned	Total	Full-time	Combi- ned	Total	Full-time	Combi- ned	Total	
FM	44	185	229	7	3	10	51	188	239	13
FA	90	344	434	4	14	18	94	358	452	27
FL	3	99	102	2	0	2	5	99	104	9
SchSS	50	58	108	3	4	7	53	62	115	2
FS	228	189	417	10	5	15	238	194	432	41
FI	45	14	59	1	1	2	46	15	61	0
FE	26	58	84	0	1	1	26	59	85	8
FEA	29	39	68	1	4	5	30	43	73	6
MU	515	986	1501	20	32	60	543	1018	1561	106

Table 2 b - Number of doctoral students

	1993	1994	1995	1996	1997	1998	1999
Total	784	902	1050	1110	1296	1378	1561
Graduates	2	31	51	84	84	108	106
% of full-time	19	18	18	26	31	36	35





## RESEARCH AND DEVELOPMENT AT MASARYK UNIVERSITY

Science and research activities at MU faculties are in line with their individual academic and education specializations.

**Faculty of Medicine:** Cardiovascular programme - incl. transplantation programme, courses in the fields of neurological science, oncology, molecular pathophysiology of multigene contingent diseases, preventive medicine

**Faculty of Arts:** Philosophy and history of philosophy, psychology, religious studies, primeval and ancient archaeology, medieval studies, study of archives and auxiliary academic disciplines, history of Moravia, art history, ethnology, musicology, Paleoslavic studies, Indo-European studies and Czech studies

**School of Social Studies:** Transformation of society, ethnicity, minorities, marginalized groups. Children, youth and family - development trends, social relations and coherence, counselling, social and intervention programmes. Sociological, political and psychological reflection of identity. Political theory, political systems, European integration, demographic trends, social policy, social programmes, humanitarian, environmental issues

**Faculty of Science:** Physics, chemistry, biology, geology, geography, mathematics, transdisciplinary trends, biomolecular dynamics, molecular physiology, planetary environmental problems in the past and present, anthropology, environmental chemistry and ecotoxicology

**Faculty of Informatics:** Theoretical information technology, parallel and distributed systems, quantum computers, super computing, electronic typesetting, graphics and virtual reality, computer processed natural language, assistive technology, software engineering, environmental systems

**Faculty of Law:** Reform of Czech legal system. Legal issues connected with future EU membership

**Faculty of Education:** Education of teachers of the 1st, 2nd and 3rd school level. Studies in education, psychology and methodology. Education in the fields of culture, lifestyle and hygiene

**Faculty of Economics and Administration:** Empirical analysis and theoretical context of the transformation of Czech economy, efficiency of the public sector, efficiency evaluation of the tax system, efficient methods of ongoing non-linear parameter assessment, transformation of the Czech monetary sector, development trends of organizational structures and business management, use of human resources, regional development and its economic aspects, public administration and budgets

**MU Institute of Strategic Studies:** Analysis of international politics, defining and following of safety risks for the Czech Republic in a changing international environment

**International Institute for Political Studies:** Study of European integration, genesis of the European Union, relations between EU and NATO, West-European Union, Czech-German relations, Czech-Austrian relations, comparison of post-communist countries of Central and Eastern Europe and selected post-Soviet-Union countries, Central European Initiative, Central European Agreement on Free Market, Society of Independent Countries, Czech-Slovak relations, Czech-Polish relations

**Institute of Computer Science:** High-speed computer networks, super computing, digital libraries

**UNESCO Chair for Museology and World Heritage:** world heritage, its basis in theory and practical impact on the society of today, its further development

**International co-operation in science and research**

The basis of international co-operation in the fields of science and research are bilateral agreements with foreign schools of higher education (Dallas, New Or-

leans, Rio de Janeiro, Vienna, Wroclaw and others). These form the basis of study stays focusing on scientific projects and specialised stays for students working towards a Doctor's degree.

MU academics participate in important EU programmes (INCO-COPERNICUS, KONTAKT, CEEPUS, AKTION, the Fifth General Programme). Regarding these programmes, employees of the Faculty of Science are among the most active.

**Faculty of Medicine:** Based on a recently concluded bilateral agreement, the faculty co-operates with foreign schools of higher education. It is also active in the VTS project of the Ministry of Education, Youth and Sport of the Czech Republic on Czech-German co-operation, the BMS grant project and the Co-operative Group of the Fifth General Programme.

**Faculty of Arts:** To a great extent, co-operation with schools abroad is dependent on international contacts within individual departments. In the framework of international exchange programmes (TEMPUS, ERASMUS, SOCRATES), there are exchanges of teachers and students and their joint courses. Bilateral agreements with schools of higher education abroad serve as the basis for study stays of teachers participating in international projects, student exchanges and publishing of joint publications, etc. Annually, the Faculty of Arts holds the Summer School of Slavonic Studies.

**School of Social Studies:** The school participates actively in EU programmes, and joint grant projects and has signed contracts on mutual co-operation with school of higher education abroad. For example, the Department of Psychology works together with Ulster University on the TEMPUS JET 12332 project, and also co-operates with Lund and Leicester Universities in the field of quality approach in psychology. With academics from Stirling University, a Brno team is researching the social presentation of democracy. The Department of Political Science co-operates with Federal Minas Gerais University (Belo Horizonte, Brazil) on the subject of comparative research on the creation of post-authoritative political systems. Other departments work together with other European universities, such as the Universities of Utrecht and Tillburg and the Central European University in Budapest.

**The Faculty of Science:** Personnel changes, joint research programmes, joint conferences, study stays of young researchers, joint publications, mutual representation on boards for post-graduate studies and academic boards, participation of teachers as opponents at opponents' proceedings and in editors' boards of expert journals, journal reviewing. Takes part research projects of the following organisations: INCO-Copernicus, KONTAKT, CEEPUS, Geographical Information Systems International Group, TEMPUS, ERASMUS LEONARDO DA VINCI, Barrande NATO-Science for People, Fogaarty European Union programmes.

**Faculty of Informatics:** The Faculty is involved in the EuroWorldNet project. It is a member of the ERCIM scientific consortium, serves as the Czech coordinator of the CRIM programme, and is a member of the VaV CompulogNet network. Rich international co-operation is based on individual contacts, the holding of joint conferences and participation in joint publication projects.

**Faculty of Education:** The Faculty is involved in various international academic and research programmes (TEMPUS, KONTAKT, PHARE, LEONARDO DA VINCI - Slovak Republic, Austria, Germany, Poland, France etc.).

The faculty co-operates with the SAV Historic Institute in Bratislava, the SAV Archaeological Institute in Nitra, IBBY based in Basle, IRSCL in Stockholm, the International Commission for Slavonic Onomastics (part of the International Committee of Onomastic Sciences).

**Faculty of Economics and Administration:** The faculty participates in European programmes (TEMPUS, ERASMUS-SOCRATES). It is a member of ICEG and co-operates with twelve faculties abroad.

**MU Institute of Strategic Studies:** The institute has established a close relationship with the Centre of Security Analysis, Department of War Studies, King's College London, the US Embassy in Prague, and with the help of the latter with various American institutions (such as the Washington Congress Centre). It participates in the STRATA line of the EU Fifth General Plan.

**Centre for the Further Education:** A wide range of joint projects is based on contracts signed with various educational institutes (joint seminars, lectures, study stays of teachers abroad, etc.). The Centre also participates actively in LEONARDO programmes (in the form of teacher exchanges in particular).

**International Institute for Political Studies:** Slovak Society for Foreign Policy, Slovak Republic; Stowarzyszenie Politycznych - Polska Akademia Nauk, Poland; Instytut Europy Środkowo-Wschodniej, Poland; Konrad Adenauer Stiftung, Germany; Stichting Het Parool, Stichting Willem Drees Lezing, Netherlands.

**Institute of Computer Science:** The EU project on modelling, presentation and evaluation of information strategies, the DUBLIN CORE initiative (an international data standard), co-operation in research activities of the ERCIM consortium in the field of DL and www.

**UNESCO Chair of Museology and World Heritage:** interdisciplinary co-operation within an international network, joint activities with various institutions in the Russian Federation, Baltic countries, Argentina, Brazil, Equador, Germany and Australia. Annually, the Department holds the International Summer School of Museology.

## CO-OPERATION WITH THE ACADEMY OF SCIENCE OF THE CZECH REPUBLIC (AV CR), MINISTERIAL RESEARCH INSTITUTES AND THE NON-GOVERNMENTAL SECTOR

Faculties do not only work in partnership with other schools of higher education. There is also close co-operation with institutes of the Academy of Science and ministerial research and educational institutes. Co-operation with the Academy of Science is defined in the General Agreement on Co-operation and the Agreement on Mutual Co-operation in the Implementation of Doctoral Study Programmes. Based on these agreements, MU faculties sign individual agreements with institutes of the Academy of Science.

Close relationships have been established between educational institutes and the Faculties of Education, Arts and Medicine in particular.

**Faculty of Medicine:** The faculty works together with IDVZ Prague and IDVZ Brno on lectures and pre-clinic education, on editors' boards of various journals, opponent's proceedings in AV CR institutes, are members of academic councils of various institutes, and work together with the AV CR Biophysical Institute and health education group.

**Faculty of Arts:** Co-operation with AV CR and SAV (Slovak Academy of Science), with a wide range of Czech and Slovak universities and schools of higher education. The scope of its activities is wide (opponent's proceedings concerning academic projects, higher doctorate thesis, proceedings for the conferring of the degree Professor and Associate Professor).

**School of Social Studies:** Individual departments co-operate with AV CR institutes (AV CR Psychological Institute, AV CR Sociological Institute). Joint work with non-governmental institutes includes mainly issues connected with social prevention and intervention, minorities, Romany ethnicity, creation and protection of the environment. The school works closely with partner departments at other universities; this co-operation consists of various conferences, joint publications, mutual representation on boards of the doctoral study, academic councils, opponent's proceedings, editors' boards of professional journals, reviewing activities.

**Faculty of Science:** Personal exchanges, joint research programmes, joint conferences, study stays for young academics, joint publications, reciprocal representation on post-graduate boards, academic councils, opponent's proceedings, editors' boards of professional journals, reviewing activities. Co-operation in post-graduate courses is based on agreements signed with AV CR institutes (Biophysical Institute, Hydrobiological Institute, Institute of Astronomy, Ondřejov Institute, Institute of Vertebrate Biology, Institute of Analytic Chemistry, Institute of Physical Metallurgy, Institute of Instrument Technology, Research Institute of Veterinary Medicine, Masaryk Institute of Oncology).

**Faculty of Informatics:** The faculty works together with various extra-university research institutes (AV CR Biophysical Institute, AV CR Institute of Czech Language, J. Heyrovsky Institute of Physical Chemistry, University Hospital Brno).

**Faculty of Law:** Ministry of Foreign Affairs - international and European law

**Faculty of Education:**

a) Co-operation with AV CR Institutes: Institute of Psychology, Brno, Institute of History; Archaeological Institute, Institute of Contemporary History; Mathematics Institute, Institute of History and Art Theory, Prague, Institute of Czech Language, Geonika Institute, Institute of Physical Metallurgy, Brno. AV CR Board for Onomastics, AV CR Biometric Board.

b) Ministerial research institutes: Institute of Research and Development of Education (Faculty of Education, Charles University, Prague), Research Institute of Special Education, Prague, Research Institute of Pedagogy, Prague, Commission of Social Prevention of the Ministry of Education.

c) Non-governmental sector: Society of Pedagogy, Association of Czech Mathematicians and Physicians, International Commission of Slavonic Onomastic Atlas, Czech Economics Society, Institute of Pedagogic and Psychological Counselling, Czech Somatopedic Society, M. Sovák Logopaedic Society, Association of Substitute Education.

**Faculty of Economics and Administration:** The Faculty co-operates with various extra-university research institutes on the basis of orders (in the fields of banking and insurance policy in particular).

**Institute of Strategic Studies:** Co-operation with the Academy of Science and ministerial institutes is implemented in the framework of the STRATA action line.

**Institute for the Further Education:** Together with various institutes and foundations (KulturKontakt Wien, Open Society Fund, British Council, Goethe Institut, Alliance de France), the Institute organizes lectures and seminars, and participates in joint grant projects.

**International Institute for Political Studies:** Institute for International Relations, Prague.

**Institute of Computer Science:** Participation in the CESNET High-speed Network project and its new application. Co-operation with the National Library, joint work in the field of health service.

**UNESCO Chair of Museology and World Heritage:** Co-operation with the Czech UNESCO Commission and the Department of Ancient Monuments, Museums and Galleries of the Ministry of Culture.

## GRANTS

Table 3a - Grants at MU

Faculty	FR VŠ	GA ČR	VZ	Support	In- frastru- c-ture	Resort MŠMT	Present.	MoH	Other Czech	EU	Other foreign	Total	CZK in thou- sands
FM	11	9	4	1	0	1	1	47	0	0	2	76	28 867
FA	9	14	2	1	0	0	0	0	8	3	0	37	8 768
FL	0	2	0	0	0	0	0	0	1	1	1	5	148
SchSS	1	8	2	0	0	0	0	0	0	0	11	22	6 327
FS	27	71	11	6	2	0	3	0	0	12	1	133	79 111
FI	4	12	3	2	0	0	0	0	1	0	0	22	11 619
FE	8	3	1	0	0	2	0	0	0	4	5	23	2 664
FEA	0	3	1	0	0	1	0	0	0	2	0	7	1 884
ICS	1	0	1	0	4	0	0	0	0	0	0	6	13 622
CDV	2	0	0	0	0	0	2	0	0	0	0	4	90
RO	0	1	0	0	0	0	0	0	0	0	0	1	156
<b>MU</b>	<b>63</b>	<b>123</b>	<b>25</b>	<b>10</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>47</b>	<b>10</b>	<b>22</b>	<b>20</b>	<b>336</b>	<b>153 256</b>

Note:

FR VŠ - Financing of Schools of Higher Education

GA ČR - Grant Agency of the Czech Republic

Resort MŠMT - Ministry of Education, Youth and Sport of the Czech Republic

MoH - Ministry of Health

Table 3b - Trends in grants

	1992	1993	1994	1995	1996	1997	1998	1999
Number	16,0	164,0	196,0	254,0	302,0	300,0	353,0	336,0
CZK mil.	6,4	36,7	64,8	90,3	135,5	98,6	149,2	153,2

The total amount of grants and financial sources shows a growing trend. There are, however, signs of a

certain saturation which reflects more the existence of reserves than the exhausting of all MU possibilities.

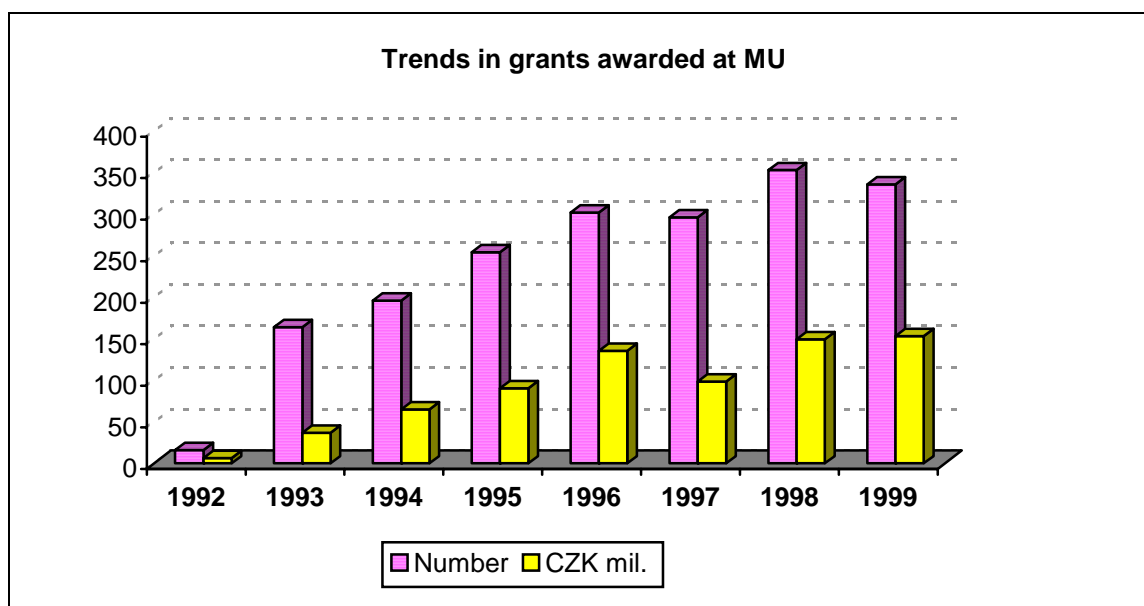


Table 3c - **Relative data - Number of grants and CZK (in thousands) per academic**

Faculty	Total number of academics	Total number of grants	Grants per academic	Total amount of CZK	CZK (in thousands) per academic
FM	304,1	76	0,25	28867	94,93
FA	171,4	37	0,22	8768	51,16
FL	73,9	5	0,07	148	2,00
SchSS	32,1	22	0,69	6327	197,10
FS	205,6	133	0,65	79111	384,78
FI	47,8	22	0,46	11619	243,08
FE	214,7	23	0,11	2634	12,27
FEA	64,0	7	0,11	1884	29,44
University department	82,0	11	0,13	13868	169,12
MU	1195,6	336	0,28	153226	128,16

Table 3c shows the efficiency of MU faculties and of the university as a whole in relative numbers. One should, however, take into consideration that it is difficult to compare individual grants.

An above-average effectiveness in both parameters is manifested in the cases of the Faculties of Science and Informatics and the School of Social Studies. The

table misrepresents the effectiveness of the Faculty of Medicine as its academics worked on grant projects issued through the University Hospital. It is also necessary to point out the success rate of the School of Social Studies; the school should serve as an example for faculties which achieved below-average results.

Table 3d – **Funding of research and development from the state budget in 1999**

	Investment	Non-investment	Total
Purpose orientated	23 550	70 906	94 456
Institutional	23 085	35 715	58 800
Non-specific	0	75 635	75 635

## PUBLICATION ACTIVITIES IN 1999

Table 4 - Publication activities in 1999

fakulta	Monographs		Original Festschriften		Original journal articles		Other original work		Text-books and lecture notes	Work for mass readership	Patents
	Czech	abroad	Czech	abroad	Czech	abroad	Czech	abroad			
FM	41	4	196	76	446	148	326	44	45	110	0
FA	57	11	260	59	98	29	187	17	26	322	0
FL	12	14	7	17	0	145	12	0	24	55	0
SchSS	20	1	19	4	27	9	66	6	3	73	0
FS	34	17	69	90	62	211	165	69	24	87	6
FI	9	3	11	32	2	9	9	15	2	5	0
FE	40	0	271	33	54	3	229	11	65	147	0
FEA	12	0	53	21	17	4	105	4	39	40	1
MU	225	50	886	332	706	558	1099	166	228	839	7

In this table, data is given as obtained from individual faculties, and for their reading it is necessary to consider the difficulty of comparing individual academic disciplines. In comparison with 1998, there has been growth in the majority of areas, especially in the number of original journal articles. On the other hand, the number of published text books, lecture notes and

articles for mass readership has decreased. As in the previous annual report, activities in the field of the arts (such as music presentations, compositions, exhibitions, recordings and group presentations) are not stated in the table. All this work, which creates an integral part of the academic activities at MU, is recorded and filed at individual faculties.

## RECOGNITION OF ACADEMIC COMMUNITY IN 1999

Table 5 - Recognition of academic community in 1999

Faculty	Membership in sectional committees of grant agencies		Membership in committees of societies by discipline		Organization of international conferences		Editing of festschrifts		Editing of professional journals		Invitation for lecturing		Invitation for study stay		Chairing of international conferences		Expertise		Prizes, acknowledgements	
	Czech	Abroad	Czech	Abroad	Czech	Abroad	Czech	Abroad	Czech	Abroad	Czech	Abroad	Czech	Abroad	Czech	Abroad	Czech	Abroad	Czech	Abroad
FM	24	0	132	20	69	16	26	15	72	13	354	62	2	19	67	23	117	1	38	14
FA	23	0	71	23	16	3	56	4	29	1	127	102	4	40	5	13	47	3	15	3
FL	2	0	20	2	1	1	6	0	8	0	36	16	0	7	0	1	152	1	3	0
SchSS	17	1	7	1	3	1	3	0	9	0	25	20	4	6	0	0	10	0	3	1
FS	35	0	78	14	21	15	18	3	26	8	50	90	4	43	4	16	35	14	10	0
FI	2	0	1	5	7	5	1	0	1	1	2	10	0	1	1	1	2	0	1	0
FE	20	2	59	7	17	4	48	4	13	2	288	67	20	46	5	4	60	0	5	1
FEA	2	0	54	9	2	3	7	0	3	11	35	22	0	1	1	0	37	0	1	0
MU	125	3	422	81	136	48	165	26	161	36	917	389	34	163	83	58	460	19	76	19

In comparison with 1998 the majority of items have grown slightly. The relative composition is practically unchanged, which may be a proof of the stability of the MU academic community. The table reflects only the criterion of quantity, and it cannot provide an overview of the quality and variety of the data stated. It is, however, a significant record of the creative activities of MU academics.

## PRIZES AND DISTINCTIONS

### Honorary academic titles (Doctor Honoris Causa) were awarded to:

- Prof. Miroslav Hill (France) - Dr.h.c. in biological science
- Prof. Dušan Soudek (USA) - Dr.h.c. in biological science
- Prof. Josef Brožek (USA) - Dr.h.c. in biological science
- Prof. Stanislav Vepřek (Switzerland) - Dr.h.c. in physical science
- Assoc. Prof. Luboš Perek - Dr.h.c. in physical science
- Prof. Niklaus Wirth (USA) - Dr.h.c. in information technology
- Prof. Charles H. Bennet (USA) - Dr.h.c. in information technology

### The MU Gold Medal was awarded to:

- Prof. Dr. Pavel Bravený
- Prof. Dr. Jiří Šrámek
- Assoc. Prof. Josef Janás
- Prof. Dr. František Kubíček
- Prof. Dr. Jindřich Lokaj
- Prof. Dr. Zdeněk Mathauser
- Prof. Dr. Slavomír Wollman
- Prof. Ing. Petr Vavřín

### The MU Silver Medal was awarded to:

- Prof. Dr. Stanislaw Rakusza-Suszczeński
- Assoc. Prof. Dr. Jiří Vaňka
- Prof. Dr. Miloslav Suk
- Prof. Dr. Jaroslav Marek

### In 1999, the Rector's Prize for outstanding academic work was conferred on:

- Prof. Dr. Jiří Vorlíček for his monograph *Palliative Medicine*
- Prof. Dr. Jiří Sejbál for his monograph *Introduction in Monetary Development*
- Assoc. Prof. Dr. Jaroslav Hroch for his monograph *Philosophical Hermeneutics in Past and Present*
- Prof. Dr. Miloš Štědroň for his monograph *Janáček and Music of the 20th Century*
- Prof. Dr. Jiří Gaisler for his monograph *Mammals*

### The Rector's Prize for the best post-graduate student was awarded to:

- Mgr. Roman Hilscher, Dr. - Faculty of Science
- Mgr. Eva Fadrná, Dr. - Faculty of Science
- Dr. Martin Klabusay, Ph.D. - Faculty of Medicine
- Mgr. Roman Pantůček, Dr. - Faculty of Science
- Mgr. Rostislav Niederle - Faculty of Arts
- Ing. Miloš Filip - Faculty of Economics and Administration

### Prominent recognition of teachers from outside Masaryk University was conferred on:

- Assoc. Prof. Petr Dubový, Prize of the Czech Society for Neurological Science
- Prof. Dr. Milan Dokládál, Medal of the Ministry of Education, Youth and Sport of the Czech Republic
- Prof. Dr. Drahomír Horký - Memorial Medal of Purkyně University, Olomouc, Gold Medal of VFU, Diploma of the Czech Biological Society
- Prof. Dr. Jan Wechsler - Honorary appreciation of the Slovak Surgical Society
- Prof. Dr. Pavel Kamarýt - honorary member of ČKS
- Dr. Tomáš Kára - Young Investigator Grant Award of American Hypertension Society, Young Investigator Travel Grant Awards of European Society of Cardiology, Young Investigator Travel Grant Award of European Hypertension Society, 1st place in the Foundation of Heart Beat competition of authors up to 35 years
- Assoc. Prof. Dr. Svatopluk Synek - honorary member of the European Association for Eye Research
- Prof. Dr. Ivan Rektor - Poster of Day Award, XI. ICEMGN
- Dr. Petr Kaňovský - Henner Prize (Prize of the Czech Neurological Society)
- Prof. Dr. Martina Kukletová - Certificate of Appreciation - FDI World Dental Congress, Mexico City
- Assoc. Prof. Dr. Jiří Vaněk - ČSL and ČSS Diploma for merits in the development of medical science, honorary member of ČSL, Memorial Deed of the 1st Faculty of Medicine, UK Prague, Memorial Deed of the Faculty of Medicine, Komenský University Bratislava, Memorial Medal of the Faculty of Medicine, UK Pilsen, Bronze Memorial Medal of the Faculty of Medicine, UK Hradec Králové
- Prof. Dr. Jiří Vorlíček - honorary membership in the Slovak Society of Haematology and Transfusion, honorary membership in the Slovak Chemotherapeutic Society
- team of authors J. Vorlíček, Z. Adam and collective - Prize of the Grada Publishing House for the best publication of the year (*Palliative Medicine*)
- team of authors P. Klener, J. Vorlíček and collective - 1999 Prize of the ČLS JEP board for the monograph *Support Medical Treatment in Oncology*
- Dr. Jana Skříčková - member of the authors' collective of the monographs *Palliative Medicine* and *Support Medical Treatment in Oncology*
- Dr. Zdeněk Merta - member of the authors' collective of the monograph *Palliative Medicine*
- Assoc. Prof. Jiří Mayer et al - Prize of the Dr. Paul Janssen Fund for 1999



- Assoc. Prof. Dr. Zdeněk Adam - Heřmanský Prize of the Dr. P. Janssen Fund
- Prof. Dr. Petr Dítě - honorary member of the Hungarian Gastroenterological Society, member of the Polish Internist Society
- Prof. Dr. Otto Vlach - Prize for life-long contribution to the development of spinal surgery (International Congress of Spondylosurgery, Ústí nad Labem)
- Assoc. Prof. Dr. Josef Bednařík - Haškovec Prize for the best scientific work in neurology
- Prof. Dr. Zdeněk Vlašín - honorary member of the English Dermatological Society
- Dr. Petr Husa - Prof. P. Ježek Prize awarded by the Czechoslovak Herpetological Society ESL JEP
- Prof. Dr. Jaromír Švestka - Janssen-Cilaf Award Foundation for SSRI work - medicine of the 1st choice
- Assoc. Prof. Dr. Dalibor Pacík - 3rd place for the best works published in the Česká urologie 98 journal
- Prof. Dr. Květoslav Šipr - honorary member of the Czech Geriatric and Gerontology Society
- Prof. Dr. Karel Dvořák - 1st class Medal of the Ministry of Education, Youth and Sport of the Czech Republic
- Assoc. Prof. Jaroslav Procházka - honorary member of the Czech Radiological Society, honorary member of the Slovak Radiological Society
- Assoc. Prof. Dr. Ivan Seidl - Knight Order of the Italian Republic
- Prof. Dr. Radoslav Večerka - honorary doctorate at Freiburg University
- Prof. Dr. Jiří Fukač - member-correspondent of the Austrian Academy of Science
- Prof. Dr. Bořivoj Srba - Prize of the Minister of Education of the Czech Republic for life-long work in education
- Assoc. Prof. Dr. Ludmila Urbanová - Medal of the Prešov University
- Prof. Dr. Ivo Možný - member of the Czech Scholars' Society, member of the Europäische Akademie der Wissenschaften und Kunste, Vienna
- Prof. Dr. Hana Librová - Josef Vavroušek Prize awarded by the Charta 77 Foundation
- Prof. Dr. Jan Keller - Prize of the Minister of Environment of the Czech Republic for 1999
- Assoc. Prof. Dr. Eduard Fuchs - honorary member of JČMF
- Dr. Jiří Dula - merited member of JŠMF
- Prof. Dr. Vladimír Vetterl - Silver Medal of Palacký University
- Prof. Dr. Jan Novotný - Educational Award of ÚV JČMF
- Prof. Dr. Jaroslav Jonas - Gold Medal of VUT
- Prof. Dr. Milan Potáček - honorary medal of VUT
- Prof. Dr. Rudolf Musil - member of the Czech Speleological Society
- ABVMK laboratory team (Dr. Fajkus) - Talent 98 Sport of the Ministry of Education, Youth and Sport of the Czech Republic
- Prof. Dr. Eduard Schmidt - Commemoration Medal of the Czech Union of Freedom Fighters
- Prof. Dr. Jozef Gruska - 1st class Medal of the Ministry of Education, Youth and Sport
- Prof. Michal Košut - Appreciation of his composition at the International Composers Competition of Electroacoustic Music, Bourges 99
- Prof. Dr. Jan Chvalina - honorary member of the Union of Czech Mathematicians and Physicians, Memorial Deed of the Military School of Land Forces
- Dr. Jaroslav Beránek - honorary member of the Union of Czech Mathematicians and Physicians
- Assoc. Prof. Dr. Jaromír Šimša - Prize of the Czech Academy of Science for the popularization of science

# EDUCATIONAL ACTIVITIES

Assoc. Prof. Dr. Zuzana Brázdová, Vice-Rector

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The year 1999 saw further changes concerning study and examination proceedings. At Masaryk University implemented new entrance proceedings; review proceedings were initiated in 4,525 cases, of which 102 were accepted by the Rector.

In 1999, the Prize of the Minister of Education, Youth and Sport of the Czech Republic for education was awarded to Prof. Dr. Bořivoj Srba of the Faculty of Arts, while 1st class and 2nd class Medals were conferred to Dr. Milan Dokládál and Prof. Dr. Karel Dvořák of the Faculty of Medicine, Prof. Dr. Josef Gruska of the Faculty of Informatics, Prof. Dr. Jiří Vysloužil and Prof. Dr. Ing. Josef Šmajš of the Faculty of Arts, and Prof. Dr. Igor Zhoř in memoriam. The Rector's Prize for the best MU post-graduate students was conferred on Jana Francová, Petr Macháček, Veronika Řeháková and Zdeněk Dolníček. The Rector's Prize for the best MU sportsman was awarded to Tomáš Krmíček.

In 1999, development work on the MU Information System continued. The project started at the end of November 1998. In January 1999, the first applications were tested by a limited group of users. Officially, the Information System was put into operation on March 1 1999. At that time, applications for data collection of publication activities, curricula vite and catalogues of subjects were introduced for use. Since then, new applications for study records have been developed. By December 31 1999, after less than a year of being in use, the Information System had registered 11,961 active users. 21,899 users got their password and register names and the entire system recorded a total of 44,738 users. By the end of 1999, the following applications were implemented and used:

#### *for teachers:*

Lists and photographs of students, information on students  
Record of subject evaluation  
Record of follow-up information on subjects (curricula, etc.)

#### *for students:*

Information on courses and study (Catalogue of subjects)  
Registration, enrolment, changes in course enrolments  
Examination enrolment  
Requests for accommodation in hostels  
Inspection and viewing of Student Cards

#### *for study departments:*

How to work with personal data  
Record of courses of study  
Record of courses of study how to work with them  
Support of study permeability

Register of students  
Printing of sets and lists, network printing subsystem  
Mass selection of students as per any criteria  
*data presentation (searching, reviewing, etc.)*  
Catalogue of subjects  
Personal pages, option to add data  
Publication activities  
Curricula vitae  
Presentation (general mechanism for data transfer from IS MU)

#### *technical and system support:*

Documentation of approach rights  
Administration of approach (password)  
Graphs of system use  
Usage record of server and transfer network

The Act on Higher Education stipulates that a school of higher education must provide students with Student Cards after they have been in the Student Register. For its Student card, Masaryk University uses the form of an ISIC identification card with a non-touch chip, a bar code and a colour photograph, as it is an internationally approved card. The validity of a Student Card amounts to 16 months (from September 1 to December 31 of the following year). The MU card consists of a chip supported by the MU order catering system and a bar code usable by other study departments or MU libraries. A valid ISIC card can be used as a whole-year certificate for the purchasing of a concession-priced travelcard from the Transport Company of the City of Brno. The card can also be used for a free access to computer and other study rooms of limited access, or for self-copying services. Via study departments, by December 31 1999 the MU faculties had received 13,884 ISIC cards, and these were distributed to its full-time students. Students in other study programmes receive paper study cards with a bar code and a photograph.

Tables and charts state the number of MU students. Tables 1a, 1b and 1c show that there were 18,785 students at eight MU faculties in 1999. This is a figure 4% higher than in the previous year. The main stress was put on study programmes for the degrees of Master and Doctor, although at all faculties (except the Faculty of Informatics) there are also study programmes for the degree of Bachelor.

The number of students in Bachelor's and Master's study programmes in the last five years is stated in Table 2 and Graph 1. The number of students per teacher plays one of the significant role in the quality of teacher performance. It is obvious from Table 3 that this number has grown at the majority of MU faculties, but in spite of this the quality of teaching has not decreased. There was total of 33,037 applicants at

the 1999 entrance proceedings. The number of applications was in excess of the number of students who could be accepted: at the Faculty of Law - eleven times greater; Faculty of Medicine - five times greater; Faculty of Science - seven times greater; Faculty of Arts - nine times greater; Faculty of Education - seven times greater; Faculty of Economics and Administration - six times greater; Faculty of Informatics - three times greater; School of Social Studies - twelve times greater. For the entire university, on average there were seven times more applicants than places available. An overview of entrance proceedings is given in Table 4. This does not involve self-paying students, scholarship holders from abroad, and graduates accepted for post-graduate studies.

For the faculties, it is the number of students enrolled which counts. In comparison with 1998, the number of students enrolled at MU has grown by 2.5%. The difference between those accepted and those enrolled and studying (33%) was caused by the fact that many students were accepted at more than one faculty. An overview of students enrolled at the individual MU faculties is given in Graph 2.

Masaryk University responded dynamically to growing study interest in its faculties with the accreditation of new study disciplines. The study programmes of the Faculties of Medicine, Arts, Education, Informatics, Economics and Administration and the School of Social Studies were extended. Masaryk University also supports interdisciplinary study projects such as the joint study of medical disciplines at both the Faculty of Medicine and Faculty of Education.

The number of international students is one of the most important indicators of the school's prestige at home and abroad. A total of 572 students from abroad enrolled for full-time study, i.e. 3% of all full-time students. In the 1999/2000 academic year, there are 57 more foreign students than last year. On bachelor's and master's day-time courses, the majority of students come from Slovakia (319), Greece (91), Bahrain (12), Yemen (6) and Poland (5). There are another 139 students from another 54 countries. The majority of MU faculties continue to strive to increase the number of their students from abroad. The faculties offer individual courses and complete study programmes in English (other languages also available), are represented at various international publicity events and education fairs, and co-operate with international agencies.

The number of graduates (Czech citizens) is shown in Table 5 and the number of graduates (foreigners) in Table 6.

Masaryk University opened a further Introductory Course of the Third Age University, and MU students participated in the Introductory Course, Course of Practical Gerontology and U3A Club of Graduates. Lectures as part of U3A were attended by 433 students.

The Study Department of the MU Rector's Office, together with study departments of individual faculties, held two important events for post-matriculation education: GAUDEAMUS '99 in Brno and VĚDMA '99 in Prague. For these events, MU published a brochure titled Information on MU Study in the Academic Year 2000/2001 and eight MU faculties published their own information materials..

## Study and educational activities

### Innovation in study programmes already in place

**Faculty of Law** – no innovations in study programmes, study plans for the post-graduate studies and the final master examination were adjusted. Both measures were implemented so as to increase the professional character of the final stage of the study. The Faculty also responded to the demand of professional engagements, and opened a course in Legal Informatics.

**Faculty of Medicine** - adjustments were implemented in study programmes of individual disciplines

**Faculty of Science** - in connection with the introduction of a new credit system compatible with ECTS, all study programmes were updated

**Faculty of Arts** - study subjects are annually updated; the range of elective and optional subjects is extended by topical themes, and these change with regard to changes in the external teaching staff.

**Faculty of Education** - in connection with the introduction of a new credit system, all study programmes were updated. The changes were related mainly to the structure of study programmes (a new range of compulsory, elective and optional subjects, an adjustment to the volume of contact hours).

**Faculty of Economics and Administration** - in the Economic Policy study programme, the subject of National Economics was updated: two new specializations (Economics and Economic Policy) were added.

**Faculty of Informatics** - The Faculty introduces innovation into its study programmes gradually, following development trends in information technology, and depending on the subjects offered by its external lecturers. In the framework of the study programme for future teachers, the contents of the Final State Examination were adjusted in order to reflect the demands of the basic profile of the Faculty's graduates. By that change, a clear division was made between the professional and teaching orientation. A Bachelor of Informatics study programme was opened, which required an adaptation to the Master's degree course. In many basic mathematics and information technology disciplines, students can choose the way of completing their studies, to which are related necessary adjustments to lectures and different ways of evaluation. On the whole, the mutual permeability of master's and bachelor's study programmes was increased, including necessary adjustments to the faculty's study and examination rules thus increasing the chance of students finishing their education successfully.

**School for Social Studies:** minor adaptations to the school's study programmes are implemented in line with new development trends in the field.

### **New bachelor's, master's and post-graduate programmes**

**Faculty of Law** - there are no new master's study programmes at the moment, nor are these planned for the near future.

**Faculty of Medicine** - in the academic year 1999/2000 no new study programmes were introduced.

**Faculty of Science** - bachelor's programme in Applied Biochemistry, master's programme in Mathematical Biology.

**Faculty of Arts** - in the academic year 1999/2000 full-time bachelor's courses were opened in Baltic Studies in combination with another subject, Portuguese studies in combination with another subject, a full-time master's course in general linguistics in combination with another subject, a full-time bachelor's course in social pedagogy and counselling (thus far now only in combination with another subject) and a full-time master's course in scientific informatics and librarian studies (thus far only in combination with another subject).

**Faculty of Education** - in the academic year 1999/2000 no new study programmes were introduced.

**Faculty of Economics and Administration** - bachelor's and master's study programmes did not experience any changes (it is planned to introduce them in the academic year 2001/2002). At post-graduate level, a new study programme titled Economic Policy was accredited, consisting of two disciplines (Economic Policy and Public Economics). As a joint project of the Faculties of Economics and Administration, Science, Art and the School of Social Studies, the Faculty of Arts and in co-operation with the University of Rennes, a two-semester Czech- French study programme in Public Administration was opened.

**Faculty of Informatics** - For the academic year 1999/2000, the Faculty opened a new bachelor's study programme in computer technology. This three-year programme was approved in 1998, though the students started their studies only in September 1999. This new programme reflects the demands of Czech industry, and in comparison with other subjects focuses on more practical issues. Graduates in this subject are interested in careers as practical programmers, computer network administrators, Internet page design, etc.

**School of Social Studies** - a new study programme titled International Territorial Studies.

### **Evaluation of study subjects at MU faculties with regard to graduates' prospects on the job market**

**Faculty of Law** - the Faculty opened new disciplines responding to new trends in Czech economics and policy (courses in European law, the rights of international and European business, administrative science; some basic legal disciplines were extended to a greater number of semesters).

**Faculty of Medicine** - there are no signs that graduates are not able to find employment; there is, however, a certain unbalance concerning the variety of medical disciplines.

**Faculty of Science** - According to information available, the majority of graduates of the Faculty find a position connected to the discipline studied.

**Faculty of Arts** - the study programmes of the Faculty cover subjects studied at grammar schools and other types of secondary school. Graduates in philological disciplines work both as teachers and translators/interpreters. Graduates in fine art studies find their work in various cultural institutions, galleries, theatres and as reviewers of the mass media. Graduates in education and psychology disciplines answer the demands of counselling and medical institutes. The Faculty strives to reflect new trends on the job market. It is necessary, however, to point out that the Faculty does not follow the progress of their graduates in employment.

**Faculty of Education** - the Faculty focuses on study programmes for teachers in elementary and secondary schools, together with the study of special pedagogy and social pedagogy. In teachers' disciplines, the Faculty also opens such subjects and combinations which comply with curricula of elementary and secondary schools. As there is an increased demand for primary-school teachers, the Faculty accepted a double amount of students for its combined study programme in this area. A general lack of teachers of foreign languages is addressed by extension study programmes. With regard to a growing number of pupils with various health problems and to the changing social situation in the Czech Republic (growing crime-rate, drug problems), the Faculty offers various courses in special pedagogy (extension Bachelor's, follow-up Master's courses) and special pedagogy (Master's, follow-up Master's and distance courses).

**Faculty of Economics and Administration** - according to statistical data acquired, the Faculty did not change the number of students accepted; in comparison with other schools of higher education, its graduates are quite successful in finding work on the Czech job market.

**Faculty of Informatics** - according to annual research implemented among MU graduates, graduates of the Faculty of Informatics do not have any problems in finding work. They are able to find professional positions corresponding with to study subjects. Statistical data from the job market in the USA and the EU show a great manpower shortage in the field of information technology (hundreds of thousands of vacant positions). It is obvious - in spite of the great endeavours of schools of higher education and other

educational institutes - that unbalanced situation will not change for the better in the next ten years.

**School of Economics and Administration** – the Faculty does not measure its graduates' engagement in employment. It has not, however, received any signals that the school's graduates are not able to find positions in their field on the Czech job market.

### New study forms

**Faculty of Law** – no new forms of study were introduced.

**Faculty of Medicine** – no new forms of study were introduced.

**Faculty of Science** – introduction of a credit system, flexible study programmes which allow students to form their own study plans.

**Faculty of Arts** – introduction of forms of study is limited by the Faculty's location and its technical facilities. For the last two years, the Faculty applied twice for a grant from the Development of Schools of Higher Education Fund but it did not succeed. This grant was aimed for the setting up of a digital laboratory and multimedia teaching room which would allow the use of modern teaching methods in a variety of study programmes, and create an opportunity to open new teaching courses. For the majority of disciplines taught at the Faculty, it is difficult to implement distance and combined forms of study.

**Faculty of Education** – traditionally, the Faculty offers full-time courses and a combination of full-time and distance courses. It does not offer a specialized form of study.

**Faculty of Economics and Administration** – the Faculty has conducted intensive negotiations with the Fern Universität Hagen in order to develop technical requirements for a standard type of distance study

**Faculty of Informatics** – the Faculty offers day-time study programmes only. In seminars and lectures, teachers of the Faculty use state-of-the-art audio-visual technology and computer programs. Demands on students' independent work have grown: ability to use computers and the Internet is a necessity.

**School of Social Studies** – at the beginning of the academic year 1999/2000, a new form of study was introduced: a combined course in selected disciplines

### Number of not passed students

Table 7 shows the number of not passed students

Study possibilities for students with disabilities

**Faculty of Law** – with regard to the mass character of the Faculty's study programmes, it is not possible to evaluate the studies of students with disabilities. Their problems are solved on an individual basis.

**Faculty of Medicine** – applicants with disabilities can study at the Faculty on the condition that they are able to cope with the general requirements of the physician's work. In bachelor's study programmes, students with disabilities are excluded from physiotherapeutic disciplines as they require great physical output.

**Faculty of Arts** – there is a number of students with disabilities at the Faculty. Individual departments prepare the contents and form of their study programmes together with the Help Centre for Blind and Visually-impaired Students at the Faculty of Informatics. The main problems are caused by insufficient financial support (for interpreting of basic lectures into sign language, video recordings, etc.).

**Faculty of Economics and Administration** – the Faculty is fully prepared for the teaching of students with disabilities.

**Faculty of Informatics** – offers its study programmes to students with disabilities. The building of the Faculty is a barrier-free area. At the present time, one wheelchair-bound student is studying at the school. The Faculty has established a Help Centre for Blind and Visually-impaired Students which – from the beginning of the year 2000 – is a university-wide institution. At the Faculty, there is one blind student whose study is supported by researching new technologies in the field of language synthesis. With the help of special program instruments for language synthesis, the Faculty's www pages are easier for visually-impaired and blind students to read.

**School of Social Studies** – at the present time, two students with disabilities study at the School. The year 1999 saw further changes concerning study and examination proceedings. At Masaryk University implemented new entrance proceedings; review proceedings were initiated in 4,525 cases, of which 102 were accepted by the Rector.

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*data presentation (searching, reviewing, etc.)*

Catalogue of subjects  
Personal pages, option to add data  
Publication activities  
Curricula vitae  
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*technical and system support:*

Documentation of approach rights  
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## **Evaluation of study subjects at MU faculties with regard to graduates' prospects on the job market**

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**School of Economics and Administration** – the Faculty does not measure its graduates' engagement in employment. It has not, however, received any signals that the school's graduates are not able to find positions in their field on the Czech job market.

Table 1- Number of students - Czech citizens - at MU on October 31 1999

Faculty	Degree (regular) studies												Other forms of study	Total Number of MU students
	<i>Full-time</i>				<i>Combined</i>				<i>Total</i>					
	Bc.	Mgr.	Ph.D.	Total	Bc.	Mgr.	Ph.D.	Total	Bc.	Mgr.	Ph.D.	Total		
FM	197	1316	44	1 557	43	0	185	228	240	1316	229	1785	0	<b>1785</b>
FA	140	2281	90	2 511	45	48	344	437	185	2329	434	2948	0	<b>2948</b>
FL	0	1991	3	1 994	173	0	99	272	173	1991	102	2266	0	<b>2266</b>
SchSS	477	256	50	783	73	0	58	131	550	256	108	914	0	<b>914</b>
FS	141	1766	228	2 135	0	0	189	189	141	1766	417	2324	4	<b>2328</b>
FI	99	1043	45	1 187	0	0	14	14	99	1043	59	1201	23	<b>1224</b>
FE	60	2195	26	2 281	475	752	58	1 285	535	2947	84	3566	570	<b>4136</b>
FEA	0	1185	29	1 214	926	0	39	965	926	1185	68	2179	0	<b>2179</b>
RO	0	0	0	0	0	0	0	0	0	0	0	0	433	<b>433</b>
Total	1114	12033	515	13662	1735	800	986	3521	2849	12833	1501	17183	1030	<b>18213</b>

Table 1b - Number of students - foreign students - at MU on October 31 1999

Faculty	Degree (full-time) studies											
	<i>Day (full time)</i>				<i>Combined</i>				<i>Total</i>			
	Bc.	Mgr.	Ph.D.	Total	Bc.	Mgr.	Ph.D.	Total	Bc.	Mgr.	Ph.D.	Total
FM	4	201	7	212	3	0	3	6	7	201	10	218
FA	3	38	4	45	1	0	14	15	4	38	18	60
FL	0	183	2	185	0	0	0	0	0	183	2	185
SchSS	11	1	3	15	2	0	4	6	13	1	7	21
FS	1	16	10	27	0	0	5	5	1	16	15	32
FI	2	12	1	15	0	0	1	1	2	12	2	16
FE	0	6	0	6	1	0	1	2	1	6	1	8
FEA	0	23	1	24	4	0	4	8	4	23	5	32
Total	21	480	28	529	11	0	32	43	32	480	60	572

Table 1c - Number of students at MU on October 31 1999

Faculty	Degree studies			Other forms	Total of MU students
	Czech citizens	Foreigners	Total		
FM	1 785	218	2 003	0	2 003
FA	2 948	60	3 008	0	3 008
FL	2 266	185	2 451	0	2 451
SchSS	914	21	935	0	935
FS	2 324	32	2 356	4	2 360
FI	1 201	16	1 217	23	1 240
FE	3 566	8	3 574	570	4 144
FEA	2 179	32	2 211	0	2 211
RO		0	0	433	433
Total	17 183	572	17 755	1 030	18 785

Table 2 - Students of Masaryk University <sup>1)</sup>

Ac. year Fac.	1995/96			1996/97			1997/98			1998/99			1999/2000		
	DES <sup>3)</sup>	DAS <sup>2)</sup>	Total	DES	DAS	Total	DES	DAS	Total	DES	DAS	Total	PS <sup>4)</sup>	KS <sup>5)</sup>	Total
FM	1590	0	1590	1560	0	1560	1577	0	1577	1660	25	1685	1769	234	2003
FA	2103	215	2318	2674	186	2860	2675	125	2800	2291	135	2426	2556	452	3008
FL	2093	91	2184	2249	26	2275	2256	101	2357	2245	148	2393	2179	272	2451
ScSS										529	0	529	798	137	935
FS	1662	7	1669	1684	1	1685	1842	0	1842	1842	0	1842	2162	194	2356
FI	392	1	393	506	0	506	711	1	712	904	0	904	1202	15	1217
FE	2052	520	2572	2141	519	2660	2135	839	2974	2441	1034	3475	2287	1287	3574
FEA	777	284	1061	877	335	1212	984	655	1639	1171	760	1931	1238	973	2211
MU	10669	1118	11787	11691	1067	12758	12180	1721	13901	13083	2102	15185	14191	3564	17755

1) Only degree studies at bachelor's and master's level - Czech citizens and foreign students

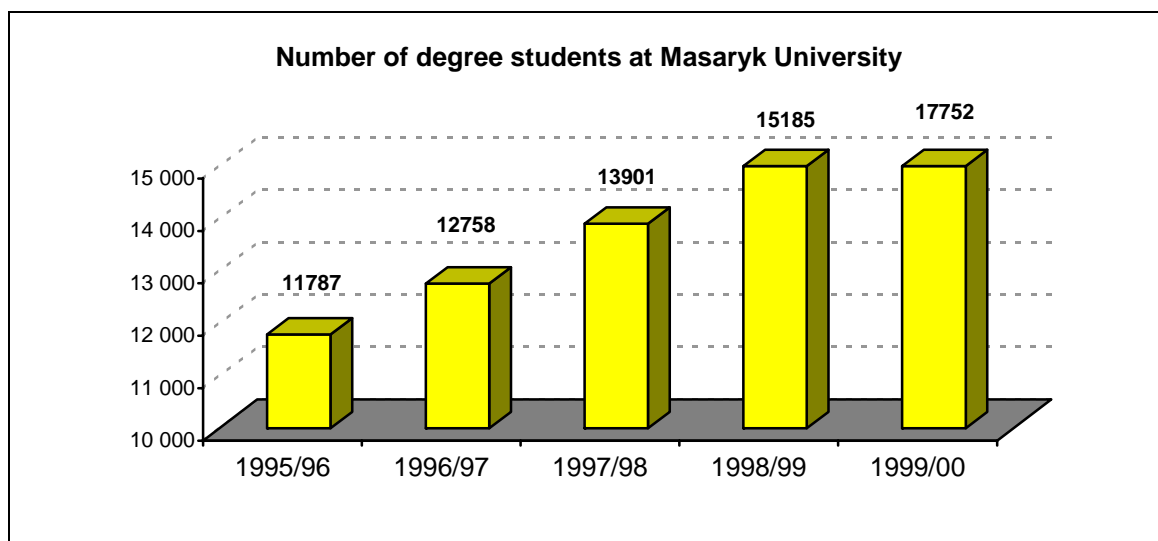
2) DAS - distance studies

3) DES - regular studies

4) PS - full-time studies

5) KS - combined studies

**Graph 1**



**Table 3 - Number of students per MU teacher**

Fac./Year	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00
FM	5,66	5,35	5,19	6,33	5,86	5,89	6,41	6,74
FA	12,73	14,01	13,23	14,38	19,24	18,49	18,29	20,36
FL	31,17	33,18	33,87	33,37	35,05	33,63	33,03	34,24
SchSS							28,95	29,83
FS	9,41	10,14	9,08	9,98	10,22	11,43	11,34	11,71
FI			50	19,93	25,92	29,41	35,10	30,01
FE	11,60	11,87	10,62	11,28	14,85	17,40	20,11	21,21
FEA	21,90	21,65	20,43	22,90	21,88	28,98	32,99	36,16
MU	10,08	10,70	10,50	11,79	13,57	14,63	15,66	16,62

Table 4 - Analysis of admission proceedings at MU for the academic year 1999/2000

Fac.	Form of study	Applications	Present at entrance examination	Passed	Passed in %	Accepted by Dean	Appeal	Accepted by Rector	Accepted in total	Acceptance withdrawn	For matriculation	Matriculated	Planned num. of 1st year students
FL	Full-time	4167	3593	603	16,78	423	151	3	577	134	443	428	
	Distance	693	571	68	11,91	50	0	0	50	0	50	50	
	<b>Total</b>	<b>4860</b>	<b>4164</b>	<b>671</b>	<b>16,11</b>	<b>473</b>	<b>151</b>	<b>3</b>	<b>627</b>	<b>134</b>	<b>493</b>	<b>478</b>	<b>450</b>
FM	Full-time	1866	1461	847	57,97	386	152	27	565	166	399	398	
	Distance	164	138	90	65,22	18	7	1	26	2	24	24	
	<b>Total</b>	<b>2030</b>	<b>1599</b>	<b>937</b>	<b>58,60</b>	<b>404</b>	<b>159</b>	<b>28</b>	<b>591</b>	<b>168</b>	<b>423</b>	<b>422</b>	<b>418</b>
FS	Full-time	3603	2665	1173	44,02	851	90	2	943	243	700	513	
	Distance	0	0	0	0,00	0	0	0	0	0	0	0	
	<b>Total</b>	<b>3603</b>	<b>2665</b>	<b>1173</b>	<b>44,02</b>	<b>851</b>	<b>90</b>	<b>2</b>	<b>943</b>	<b>243</b>	<b>700</b>	<b>513</b>	<b>550</b>
FA	Full-time	4888	3126	714	22,84	606	27	49	682	31	651	559	
	Distance	15	13	7	53,85	7	0	0	7	0	7	7	
	<b>Total</b>	<b>4903</b>	<b>3139</b>	<b>721</b>	<b>22,97</b>	<b>613</b>	<b>27</b>	<b>49</b>	<b>689</b>	<b>31</b>	<b>658</b>	<b>566</b>	<b>520</b>
FE	Full-time	5693	4266	1521	35,65	683	129	8	820	211	609	656	
	Distance	1886	1540	974	63,25	464	18	5	487	13	474	474	
	<b>Total</b>	<b>7579</b>	<b>5806</b>	<b>2495</b>	<b>42,97</b>	<b>1147</b>	<b>147</b>	<b>13</b>	<b>1307</b>	<b>224</b>	<b>1083</b>	<b>1130</b>	<b>1075</b>
FEA	Full-time	2887	2366	578	24,43	481	0	2	483	0	483	301	
	Distance	1318	1069	375	35,08	373	0	1	374	0	374	374	
	<b>Total</b>	<b>4205</b>	<b>3435</b>	<b>953</b>	<b>27,74</b>	<b>854</b>	<b>0</b>	<b>3</b>	<b>857</b>	<b>0</b>	<b>857</b>	<b>675</b>	<b>650</b>
FI	Full-time	1559	1342	651	48,51	587	42	0	629	0	629	448	
	Distance	0	0	0	0,00	0	0	0	0	0	0	0	
	<b>Total</b>	<b>1559</b>	<b>1342</b>	<b>651</b>	<b>48,51</b>	<b>587</b>	<b>42</b>	<b>0</b>	<b>629</b>	<b>0</b>	<b>629</b>	<b>448</b>	<b>600</b>
SchSS	Full-time	3507	2993	481	16,07	288	54	3	345	55	290	246	
	Distance	791	605	107	17,69	72	4	1	77	2	75	74	
	<b>Total</b>	<b>4298</b>	<b>3598</b>	<b>588</b>	<b>16,34</b>	<b>360</b>	<b>58</b>	<b>4</b>	<b>422</b>	<b>57</b>	<b>365</b>	<b>320</b>	<b>348</b>
MU	Full-time	28170	21812	6568	30,11	4305	645	94	5044	840	4204	3549	
	Distance	4867	3936	1621	41,18	984	29	8	1021	17	1004	1003	
	<b>Total</b>	<b>33037</b>	<b>25748</b>	<b>8189</b>	<b>31,80</b>	<b>5289</b>	<b>674</b>	<b>102</b>	<b>6065</b>	<b>857</b>	<b>5208</b>	<b>4552</b>	<b>4611</b>
<b>1998</b>		37257	26844	8631	32,15	5559		318	5877		5877	4443	4543
	Growth	<b>-11,33</b>	<b>-4,08</b>	<b>-5,12</b>	<b>-1,08</b>	<b>-4,86</b>	<b>0,00</b>	<b>-67,92</b>	<b>3,20</b>	<b>0,00</b>	<b>-11,38</b>	<b>2,45</b>	

Table 5 - MU graduates - Czech <sup>1)</sup>

Fac.	1995			1996			1997			1998			1999		
	DES	DAS	Total	DES	DAS	Total	DES	DAS	Total	DES	DAS	Total	PS	KS	Total
FM	267	0	267	264	1	265	247	2	249	263	0	263	211	10	221
FA	177	70	247	238	119	357	273	76	349	297	39	336	171	16	187
FL	211	195	406	225	89	314	366	30	396	417	25	442	382	7	389
SchSS										21	0	21	64	1	65
FS	272	15	287	264	26	290	297	19	316	302	25	327	302	25	327
FI	50	1	51	45	1	46	38	2	40	44	0	44	42	0	42
FE	387	193	580	460	202	662	504	126	630	380	232	612	393	287	680
FEA	17	0	17	122	4	126	281	28	309	286	57	343	142	103	245
MU	1 381	474	1 855	1 618	442	2 060	2 006	283	2 289	2 010	378	2 388	1707	449	2 156

<sup>1)</sup> bachelor's, master's and post-graduate studies

Table 6 - MU graduates - foreign

Fac./Year	1995	1996	1997	1998	1999
FM	8	12	14	14	24
FA	1	4	5	3	10
FL	4	4	1	8	22
SchSS				1	0
FS	5	6	2	7	0
FI	0	1	0	2	0
FE	0	1	1	0	4
FEA	0	0	0	1	1
MU	18	28	23	36	61

Graph 2

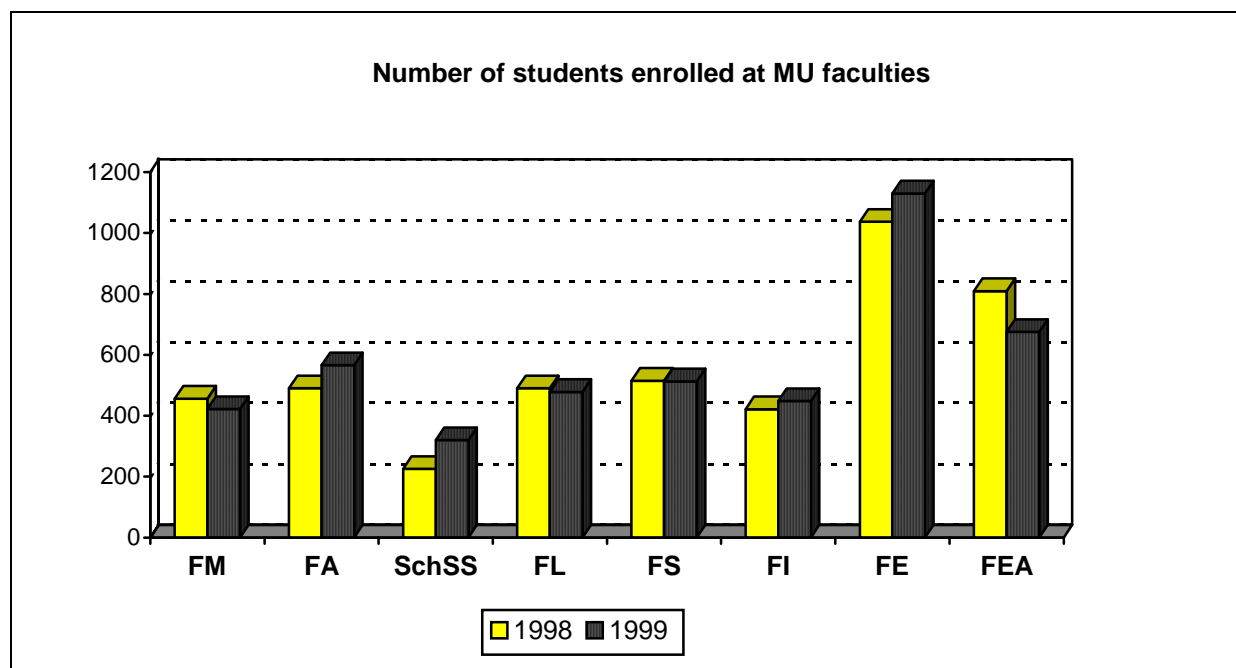


Table 7

Faculty	Study								
	<i>Full-time</i>			<i>Combined</i>			<i>Total</i>		
	Total	Not-passed	i.e. %	Total	Not-passed	i.e. %	Total	Not-passed	i.e. %
FM	1 557	123	7,90	228	10	4,39	1 785	133	7,45
FA	2 511	134	5,34	437	10	2,29	2 948	144	4,88
FL	1 994	71	3,56	272	45	16,54	2 266	116	5,12
SchSS	783	15	1,92	131	0	0,00	914	15	1,64
FS	2 135	213	9,98	189	7	3,70	2 324	220	9,47
FI	1 187	224	18,87	14	3	21,43	1 201	227	18,90
FE	2 281	97	4,25	1285	11	0,86	3 566	108	3,03
FEA	1 214	52	4,28	965	276	28,60	2 179	328	15,05
<b>Total</b>	<b>13 662</b>	<b>929</b>	<b>6,80</b>	<b>3521</b>	<b>362</b>	<b>10,28</b>	<b>17 183</b>	<b>1291</b>	<b>7,51</b>



# INTERNATIONAL AND PUBLIC RELATIONS

Prof. Dr. Jiří Fukač, Vice-prorektor

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In line with the main aim of MU international policy for the year 1999, the International Office strove to strengthen the University's engagement in international activities and events. The main stress was put on:

- a) greater mobility of students and teachers
- b) establishing of new contacts and contractual co-operation between MU and universities in the USA and Canada in particular, active participation in university networks
- c) increased amount of teaching in foreign languages
- d) closer contacts between Czechs and foreign students, their involvement in various MU activities
- e) providing all information about the contents of MU study programmes for those interested
- f) offering courses in Czech for foreign students
- g) maintaining and deepening of bilateral and multi-lateral contacts established in the past
- h) qualification improvement of the International Office staff

## MOBILITY OF STUDENTS AND TEACHERS

### SOCRATES – ERASMUS

#### *Academic year 1998/99*

##### Mobility of students:

Of 115 study stays originally planned for students, 103 students were able to travel abroad (for a total of 405 months). The grants received amounted to EUR 17,895; EUR 54,109 was paid by the PHARE programme. MU provided its students with financial support in the form of an extra study grant.

The original plan of receiving 92 students from 13 European countries was reduced to 17 students from 5 countries (Austria, Germany, Great Britain, Spain, the Netherlands).

##### Mobility of teachers:

Of 64 visits originally planned, only 26 teachers participated in scholar's stays abroad. Of four "preparatory" visits, only one (Great Britain) was implemented.

##### Other activities:

Among other activities implemented at MU (intensive programmes, ECTS introduction, issuing of new curricula, European modules, etc.), it is necessary to highlight the participation of the Faculty of Medicine in an intensive programme co-ordinated by Utrecht University.

#### *Academic year 1999/2000:*

Beside grants for mobility of students (sending 165 students abroad and receiving 132 in Brno) and teachers (47), MU received grants for the introduction

of ECTS, participation in the curriculum projects "Trade-teaching, Reactivating (Progressive Education), Ac

companying, Developing, Evaluating" and "European Masters in Language and Speech".

In comparison with recent years, it is obvious that the mobility of students has grown. The number of bilateral agreements signed with EU universities increased to 73. On the other hand, the mobility of teachers has decreased (to 47). The European Committee has reduced funding necessary for these purposes, and teachers' grants have been awarded for teaching activities only.

Masaryk University is satisfied with the growing number of international students (in comparison with the academic year 1998/99); in the autumn semester, 14 students from Germany, Portugal, Great Britain, Finland and Norway studied at Masaryk University (in the framework of the SOCRATES-ERASMUS programme).

## LEONARDO

As part of the LEONARDO programme, a project titled "MUNI Partnership" was processed, which was sent for evaluation and possible approval to Brussels. This project, in which Masaryk University, the Academic Information Centre and partner business companies based in Brno participate, strives to establish closer relations between MU students, the academic community and the commercial sphere.

## MOBILITY OF STUDENTS AND TEACHERS BASED ON INTERNATIONAL AGREEMENTS CONCLUDED BY THE MINISTRY OF EDUCATION, YOUTH AND SPORT OF THE CZECH REPUBLIC

In the framework of international cultural agreements, the Ministry allocates every year a certain number of study stays and research fellowships: in 1999, nine teachers and 28 students took part in this type of study stay.

## NEW CONTACTS – UNIVERSITY NETWORK

### CONTACTS WITH NON-EUROPEAN UNIVERSITIES

In January, Mr. Adrian Sherman, Head of the Office for International Programmes at Ithaca College, USA, visited Masaryk University for the first time. Mr. Sherman met representatives of MU and its faculties, discussed the organization of study exchanges for students and teachers, and signed an agreement on mutual co-operation. The next visit took place in September, and focused on the preparation of a summer

school of Central European music held by JAMU and Vienna University.

The State University of New York (Oswego) is another contractual partner of Masaryk University. The representatives of the State University visited Brno in April 1999, and agreed on exchanges of students and teachers. Based on this co-operation, American students are able to participate in CESP and TESOL TE programmes.

MU has also signed an agreement with the University of New Orleans, which provides a basis for the exchange of students and teachers.

Masaryk University hosted Dr. Mould of Ohio University, who presented to MU representatives a proposal to create a specialized course for Czech and American students in economics, which would provide students with contacts to the economic sphere.

The Head of the European Centre of the University of Georgia told representatives of the Faculty of Economics and Administration about the preparation of a conference focusing on bank privatization in East European countries. He also met representatives of the Faculty of Law and the High Court of the Czech Republic, and discussed the participation of their students and employees in a course for lawyers from Central and Eastern Europe which would enable judges and court administrators to take part in study visits to the USA, thus familiarizing themselves with the American legal system. All representatives contacted expressed an interest in the proposed projects.

Contacts between MU and the Centre for Russian and East European Studies of the University of Toronto (Canada) were also established. The Centre is one of the most significant institutes in this field in Canada.

In March, Masaryk University received a visit from the international affairs co-ordinator from Edgewood College in Madison, Wisconsin. On this occasion, an agreement on mutual co-operation and student exchange was extended for another five years. Four MU students who had studied at the Edgewood College participated in the meeting. So far, two students from Edgewood College have studied at MU; the female student participating in MU courses in the winter semester took an active part in the activities of the International Department of the MU Rector's Office.

In 1999, MU was visited by a representative of the Institute for International Education based in New York. He held a lecture on the institutionalized TOEFL exam (an exam in English which serves as a test for the selection of applicants for study stays in countries with English as a teaching language).

In the framework of the so called "American programme", we have also established contacts with universities in South America. We have signed an

agreement with Pontificia Universidade Catolica in Rio de Janeiro, Brazil. The contract focuses on co-operation in the humanities, social studies and natural sciences; the main stress, however, is put on the improvement of Portuguese Studies at MU.

Masaryk University has also made initial contact with the University of Natal in the South African Republic; a contractual relationship is under consideration.

#### STEPHAN BATHORY COLLEGIUM UNIVERSITY NETWORK

Based on the initiative of the Rector of the University of Vilnius (Latvia), a constituent assembly of representatives of Charles University (Prague), Masaryk University (Brno), Comenius University (Bratislava), Eotvose Lorand University (Budapest), Jagellons University (Krakow), Kaliningrad State University, Vilnius University, the Warsaw School of Economics and Warsaw University was held at Masaryk University on September 22 1999. The representatives signed a declaration on the founding of a new university network called the Stephan Bathory Collegium. The main aim of its activities is further development of close contacts between universities in the Central and Eastern Europe, facilitating the exchange of information and experience and the implementation of international activities and events.

#### PROGRAMMES IN FOREIGN LANGUAGES

The offering of an insufficient range of courses in foreign languages is the most problematic aspect of the acquiring of international students for short or long-term study stays at MU.

In the last academic year, the university (in co-operation with its faculties) managed to open the following short-term (one semester) educational programmes, mainly in English:

#### TESOL TE - AN INTERNATIONAL COURSE IN TEACHING ENGLISH

The project was created for university students from Great Britain, the USA and the MU Faculties of Arts and Education. It is aimed for those who want to obtain the TOEFL certificate (teaching of English as foreign language). The project enables international students to study in the Czech Republic, obtain a basic knowledge of Czech and familiarize themselves with Czech culture and everyday life. For Czech students, the TESOL TE course brings the possibility of obtaining a prestigious certificate and establishing contacts with very experienced English teachers and their native language. The programme has accreditation from Cambridge University, allowing the awarding of the internationally recognised CELTA certificate for the teaching of English. Pilot courses will start in the spring semester of the year 2000.

## **CENTRAL EUROPEAN MUSIC – SUMMER SCHOOL FOR AMERICAN STUDENTS**

The summer school is a joint project of MU, JAMU, Vienna University and Ithaca College (USA). Its programme offers three complexes of lectures: an introduction to Central European music and culture (an obligatory programme for all participants), practical study of music (instrumental music in particular) at JAMU, and a course on traditions and the future of Central European musicology at MU. Students will also visit various concerts and theatre performances, and cultural institutions based in Brno, Kroměříž, Prague and Vienna. The course will open in June 2000.

## **EUROPEAN PUBLIC ADMINISTRATION – BILINGUAL CZECH AND FRENCH EDUCATIONAL PROGRAMME**

In co-operation with the University of Rennes and supported by the French Embassy in Prague, this course was opened for students of all MU faculties who have completed the third study year and have a good knowledge of French. On completion of the course, participants receive a bilingual certificate. The main aim of this programme is to educate future employees in the public sector: focusing on the entry of the Czech Republic into the European Union.

The preparation of such educational programmes is very time-consuming and financially demanding as it requires ongoing intensive publicity (provided by foreign partners, publicity in various journals and on the Internet) in order to inform a wide international public and all those potentially interested.

## **CZECH AND INTERNATIONAL STUDENTS**

Thanks to the mobility of students in the framework of the SOCRATES-ERASMUS programme, the number of international students at MU has gradually increased. In order to make it easier for them to settle in Brno easier, the university arranges a whole range of activities: introductory guide tours through Brno which familiarize students with the history and present life of the city, plus an introduction to the structure of Masaryk University and its institutions, study opportunities and cultural and sport facilities. The programme also comprises trips and excursions in the surroundings of the city and film screenings and lectures focusing on social, political and cultural issues.

Participants in the 1999 course highly appreciated the two-week introductory programme, and expressed their satisfaction with the intensive Czech course. They missed, however, closer contact with Czech students who might have introduced them to the social and student life in Brno.

At the end of the academic year, MU organized an informal get-together of representatives of the university and its faculties with international students. The meeting contributed to better understanding and possi-

ble solving of some of their problems (eg., by the opening of internet study rooms at halls of residence).

## **INTERNATIONAL PRESENTATION**

The university regularly updates Internet pages providing all information on the TESOL TE and CESP programmes. These are also available in print in the form of a brochure.

International students interested in studying at MU (not only in the framework of the SOCRATES-ERASMUS programme) can also read the www pages of the MU International Office written in English, which provide them with all the basic and topical information they need on study conditions, accommodation and other services (incl. matters connected to university and city life).

In March, Masaryk University, together with Palacký University, Olomouc, took part in an international fair of post-secondary education in Vienna. Various forms of Czech courses, humanities study programmes, PGS studies of foreign languages and student mobility in the framework of the SOCRATES-ERASMUS programme were presented to visitors of the event.

In May, Masaryk University participated in the 51st international NAFSA conference (the Association of International Educators), which was held in Denver, USA. In co-operation with the Fulbright Committee, Prague, and the Jan Hus Foundation, a presentation on the Czech Republic and its university education called "View of the Czech Republic" was held in the Central and East European section (accompanied by a reception sponsored by the Pilsen Brewery).

In December, the university participated in the EAIE (the European Association for International Education) conference held in Maastricht. All negotiations focused on regional co-operation between educational institutions. MU representatives gave a brief presentation on the university accompanied by a reception.

## **CZECH FOR FOREIGNERS**

One of the main aims of the SOCRATES-ERASMUS programme is the enabling of international students to study the language of the country they study in. This service is provided by the Department of Czech for Foreigners, which holds a two-week intensive Czech course (at various levels) before the beginning of each semester. This course is provided free-of-charge, and paid for from the programme's budget. After the completion of this course, students interested in learning Czech language can continue their studies.

A basic Czech course is also a part of the CESP one-semester teaching programme.

## **EUROPEAN BILATERAL AND MULTILATERAL CONTACTS**

Bilateral agreements between MU and partner universities abroad create the basis for the mobility of

students and teachers; its extent is determined by negotiated quotas. Based on such agreements, this type of study exchange was implemented between MU and universities in Szeged, Regensburg, Greifswald, Vienna, Wratistlaw, Poznan and Katowice: MU was in a position to welcome 25 foreign students and academics, while 27 Czechs were able to travel abroad.

On top of the above-stated quotas, the following universities provided MU students with grants for specialized events:

Greifswald University (Germany) - one study grant for a summer semester 1999 for a student of the Faculty of Arts

Utrecht University (Netherlands) – five grants for a summer course on Dutch Culture and Society

Viadrina European University – three grants for the academic year 1999/2000 for two students of the Faculty of Law, one student of the Faculty of Economics and Administration, one grant for a summer semester 2000 for one student of the Faculty of Law

Regensburg University (Germany) – four grants for a summer course in German for students of the Faculties of Arts and Education

A student-for-student group exchange was arranged between ten MU students of Polish Studies and Students of Slavonic Studies from Wroclaw University (Poland).

In October, the Compostela Group of Universities held a one-week intensive course in Santiago de Compostela (Spain) on the history of pilgrimages and pilgrimage sites. MU received two grants, which covered all costs connected with participation in this course.

The 5<sup>th</sup> general meeting of this university network was held at Lleida University (Spain), which celebrated the 700<sup>th</sup> anniversary of its founding. The group elected a new executive committee, the Chair of which became Dr. Michael Cooper of Karlstadt University (Sweden). For the second time, a representative of Masaryk University – this time Prof. Dr. Jiří Fučač – was elected a committee members.

At the 4<sup>th</sup> general meeting of the group held in 1998, Václav Havel was awarded the International Prize of the Compostela Group of Universities. In connection with this award, MU - under the auspices of the Rector – held an international conference entitled "Václav Havel – Dramatist". The conference was organized by a committee comprising of Prof. Fučač, Prof. Šrámek, Prof. Srba and Assoc. Prof. Oslzly. Václav Havel sent a letter of greeting to all conference participants. The event was visited by 13 academics from France, Portugal, Spain, Poland, Germany and Malta, and eight Czechs. The conference was accompanied by a performance of Havel's play "The Garden Party" at the Divadlo na provázku theatre and the "Václav Havel 1976-1989" exhibition in Vienna.

In April, the Utrecht University network held its annual general meeting at Ljubljana University (Slovenia).

## QUALIFICATION IMPROVEMENT OF THE INTERNATIONAL OFFICE STAFF

The employees of the office participated in regular gatherings of employees of international offices of Czech schools of higher education and seminars organized by national offices of the SOCRATES-ERASMUS and TEMPUS programmes.

The TEMPUS JEP-12187-97 programme has continued into its second year. This programme, which is co-ordinated by Glasgow University (Great Britain), focuses on familiarization with and introduction of new organization methods at international offices at schools of higher education in Moravia. In September, Mainz University - a new participant in this programme – held a one-week workshop consisting of lectures and seminars on various activities of international departments. Lecturers were employees of Mainz University, other German schools of higher education and Glasgow University.

Following this project, a brief co-ordination meeting of representatives of Moravian schools of higher education and the project's co-ordinators was held in Brno. Participants in the meeting discussed the organization of an international conference under the working title "The International University", which will be held in the first half of the year 2000, and will become a main event of the entire project.

The employees of the MU International Office took part in a one-week course organized for first-year students by the Viadrina European University in Frankfurt an der Oder (Germany). The university has been revitalized, and in spite of the fact that it is a rather small university, it holds a very important place among German universities. A glowing example of the international co-operation between Germany and Poland is the establishing of Collegium Pollonicum, a research centre formed by the joint efforts of Viadrina University and Adam Mickiewicz University, Poznan, Poland, and with financial support of the governments of both countries.

At the end of 1998, the Salzburg Seminar, an American educational and advisory centre based in Austria, started a project of advisory visits to universities in Central and Eastern Europe. The main aim of these visits is the support of universities' management, and development of new management methods. In May 1999, Masaryk University was one of the first universities, which were – on the Rector's invitation - visited by a group of advisors. In co-operation with the International Office, MU organized a very rich programme, which included meetings with representatives of MU management and individual faculties, teachers and administrative workers. Advisory activities focused on the following issues: international affairs, accreditation, financing, study integration, credit system. The members of the advisory team were: Andris Barblan, General Secretary of the Association of European Universities; Jochen Fried, Head of the above-mentioned Salzburg Seminar; Neil Grabis, President, Colgate University, New York; Peter Margrath, President, National Association of State Universities, Wa-

shington. Based on knowledge acquired, the team issued an evaluation report on the current state of Masaryk University, including proposals for the optimization of work in the above-stated spheres. The academic public had the opportunity to familiarize itself with this report.

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The year 1999 was a time of celebration surrounding the founding of Masaryk University and other schools of higher education in Brno. The Technical University (VUT), the oldest of them, celebrated the 100<sup>th</sup> anniversary of its founding, and MYLU and Masaryk University their 80<sup>th</sup> anniversary. On this occasion, MU, together with the Brno Council Office implemented a project called "Brno – University City", which was co-ordinated by the SNIP & CO advertising company, and in which all schools of higher education based in Brno participated. This project will be continued in the years 2000 and 2001, and should result in an international conference, which - as a follow-up to "Crossroads of European Culture" (held in 1998) - will discuss the phenomenon of university cities and their impact on regional cultural development. The organizers of the event have issued a calendar of all the events planned on the occasion of these significant anniversaries.

On January 29 1999 - the 80<sup>th</sup> anniversary of the founding of MU - university celebrations were opened by a festive gathering of the academic community. MU welcomed representatives of the Ministry of Education, the Council Office of the City of Brno, schools of higher education from home and abroad and other important institutions. In co-operation with the MU Archives, the university published a speech by the first MU Rector Arne Novák made on the occasion of the opening for the Procházka's "Fire of Prometheus" painting by on December 16 1938 (the painting is the dominant feature of the MU Grand Hall). A passage of the speech was delivered to the public by Ladislav Lakomý, a Brno actor. The gathering was held under the auspices of the MU Rector, and JAMU organized a concert performed by its teachers and students.

The programme of the MU celebrations comprised more than 20 international and national conferences held under the auspices of the MU Rector (and financially supported by the Rector's Office).

In May, Masaryk University held its third *Dies academicus brunensis*. On the eve of this event, MU organized a concert of old French music, which was the university's present to VUT in celebration of the

100<sup>th</sup> anniversary of its founding. On May 12, at a ceremonial gathering of the MU academic public, teachers and students were presented with Rector's Prizes for outstanding academic and study achievements and honorary Rector's Prizes for exemplary representation of the university in sport disciplines at international level. The Rector also conferred the Gold and Silver Medals of Masaryk University for a lifetime achievement benefiting the university. Honourable mentions of the MU Rector were awarded to winners of individual categories in the "Phenomenon of the Book" competition and the 1<sup>st</sup> year of the Arnošt Heinrich Student Journalist Competition. At the end of the ceremony, Prof. Dr. Jiří Fukač – on whom the Rector's Prize for outstanding creative achievement was conferred – held a lecture entitled "Did the Czechs Invent Music?"

On Brno's main square of Brno, MU students presented an afternoon entertainment programme for the general public, which included sport, dance and music. Sport competitions between students of MU and VUT were held throughout the day by the Departments of Sport of both schools of higher education at the VUT campus.

The 3rd Garden Party in the Botanical Garden of the Faculty of Science was attended by many leading figures of Brno's academic community. The event was accompanied by the opening of an exhibition of glass by Prof. Jaroslav Svoboda, and the launching of his book about glass and its history.

The joint project of all schools of higher education "Brno – University City" culminated at the New Hall on September 30 with a ceremonial gathering of Brno academics, important visitors from home and abroad and representatives of the Brno Council Office.

Between October 1- 3, a unique exhibition of insignias, records and documents of all schools of higher education in Brno was opened for the general public in the cloisters of the New Town Hall.

On the occasion of the 40<sup>th</sup> anniversary of the death of Bohuslav Martinů, the VOX IUVENALIS choir (a MU choir) conducted by Mgr. Jan Ocetek performed a concert from his work.

In line with tradition at the end of the year, leading MU representatives and figures from Brno's public, cultural and business life discussed the results of their co-operation in the last year at an informal meeting. The meeting was accompanied by a Christmas concert performed by the GAUDEAMUS University Choir conducted by Alexander Vacek.

# UNESCO CHAIR OF MUSEOLOGY AND WORLD HERITAGE

Head: Prof. Dr. Vinoš Sofka, Ph.D.h.c.

Žerotínovo nám.9, 601 77 Brno  
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Activities of the Chair in the year 1999 were influenced by favourable conditions caused by significant parallel events at the end of 1998 and during 1999.

In 1999, the MU management decided on the incorporation of the International Summer School of Museology (ISSOM) in the UNESCO Chair. It also pronounced its full support of the Chair's programme and the Transition Project for the Support of Post-communist and Post-totalitarian Countries, and stipulated relations between the Chair and the Centre of Museology at the Department of Archaeology and Museology of the MU Faculty of Arts, thus bringing about certain acts of re-organization.

The programme of the summer course of museology was prepared based on an agreement on co-operation between the UNESCO Chair and Amsterdamse Hogeschool voor de Kunsten (in the framework of a Czech and Dutch project "SCART" and its part titled "Museology Curricula Development"). In the summer school, there were 11 students from eight countries (Mexico, Germany, Lithuania, Latvia, Romania, Siberian parts of Russia, Slovakia and the Czech Republic). The team of teachers consisted of six prominent experts from Brazil, France, Germany, the Netherlands, Norway, Sweden and one Czech teacher). The basic team was extended by managers and professionals from selected Brno museums, who – during afternoon brief excursions – familiarized the students with their practical knowledge and experience in the field.

On the request of the Czech UNESCO Committee, the Chair - immediately upon the closing of the course – started the preparation of the resolution "From Oppression to Democracy" for the autumn gathering of the UNESCO General Conference. After registration of the resolution by the UNESCO secretariat, the Chair ensured its interregional status by obtaining the support of Australia and Lithuania. Based on personal negotiations in Moscow and Siberia, the Chair also managed to sign an agreement on close co-operation in this project with the Russian Federation.

At the 4<sup>th</sup> UNESCO Forum held in the summer, at which the MU Rector Prof. Jiří Zlatuška was also present, the Head of the Chair of Museology was honoured by being appointed the President of its final sitting. A representative of the European Council expressed her deep interest in the Transition Project, and organized a meeting in Strasbourg in the middle of August. A member of the World Monuments Foundation invited the Chair to participate in the implementation of this project in Cambodia.

The Chair received many invitations to various international conferences, seminars and events, some of which it was able to participate in. A representative of the Chair took part in a lecture (held as part of a symposium) at the State Technical University of Barnaul (Altai, Russia) in September (focusing on environmental issues and the role of museums in the environmental education of society), in three seminars on museology, heritage and social development; it was also involved in discussions on various forms of co-operation between the Chair and the Regional Museum and Regional Archives. At the 3<sup>rd</sup> Krasnojarsk Museum Biennial, a workshop was held on the implementation of the Transition Project in Siberia, and the programme of joint events was discussed for 2000 and 2001 (focusing mainly on the objective saving of the historical memory of the former Soviet Republic and the Gulag network). At the end of the visit of the Chair's representatives in Russia, the Federal Institute for the Further Education of Employees in the Sphere of Culture, Moscow, held a seminar on museology and historic documentation of the communist era as significant factors in the process of system changes held by the Federal Institute for Further Education of Employees in the Culture Sphere in Moscow. The Chair of Museology took part in the Museology and Philosophy Symposium in Venezuela (accompanied by a ICOFOM conference) held at the end of November and the beginning of December, at which the Head of the Chair presented five papers. Prof. Sofka also participated actively in the 5<sup>th</sup> UNESCO Forum in Morocco.

International appreciation of the work carried out by the UNESCO Chair was proven by two events of great importance held at the end of 1999. In November, the Lithuanian Ministry of Culture (together with professional institutions operating in the sphere of national heritage) asked the Chair to organize a three-day seminar discussing its museology programme. The Brno Chair welcomed 24 professionals from Lithuanian museums, ancient monuments departments and universities, and signed an agreement on future co-operation. The seminar was very well received, and proved that the Chair's decision to focus on issues of post-totalitarian countries was the right one.

At the working meeting of the UNESCO Headquarters in Paris at the end of 1999, the Section of Culture and Heritage expressed its appreciation and full moral and professional support of the UNESCO Chair and all its actions implemented in the framework of its programme and the UNESCO Transition Project.

# STUDENT SERVICES AND PUBLISHING ACTIVITIES

Assoc. Prof. Zdeňka Gregorová, Vice-Rector

## ACCOMMODATION

Accommodation plays one of the most important roles in creating a social background for students. The university puts a great stress on this issue, strives to extend the number of beds in the buildings it administers. It also helps its students to find their own accommodation.

In the academic year 1999/2000, the Halls of Residence and Refectories Administration provided accommodation for MU students in the following buildings:

Table 1 - MU Halls of residence

Hall of residence	Address	Number of beds
Vinařská	Vinařská 5, 603 00 Brno	1 220
Tvrdého	Tvrdého 5/7, 602 00 Brno	378
Družba	Kounicova 50, 602 00 Brno	596
Mánesova	Mánesova 12c, 612 00 Brno	351
Sušilova	Klácelova 2, 602 00 Brno	313
nám. Míru	nám. Míru 4, 602 00 Brno	245
Veveří	Veveří 29, 602 00 Brno	70
Komárov I.	bří. Žůrků 5, 617 00 Brno	494
India	Sladkého 13, 617 00 Brno	314
Total		<b>3 981</b>

In comparison with the last year, the total accommodation capacity in MU buildings was extended by four beds in newly reconstructed double-bedrooms in the hall of residence at nám. Míru, and nine beds in the hall of residence on Bří. Žůrků. By October 30 1999, new rooms were ready to accommodate MU students in the India building in Komárov, increasing the total capacity by 43 beds. With regard to the further reconstruction of this building, MU lost 51 beds.

In the framework of an agreement between Rectors of Brno schools of higher education, VUT was able to lend Masaryk University 250 beds, making the total MU accommodation capacity for this academic year 4,231 beds. Of that, 80 beds were provided for participants in the SOCRATES programme, and six beds were offered to visitors of the university. Consequently, there were 4,151 beds available for MU students.

Childless families have traditionally been accommodated in the Vinařská hall of residence (34 beds).

Of the total of 14,191 full-time students, 30% were accommodated; with regard to the total number of applications for accommodation, 71% of requests were met.

For the academic year 1999/2000, unified criteria were used for the allocation of beds in MU halls of residence. The time distance between Brno and the applicant's place of residence was the main criterion. Social background was an additional aspect to be considered. Regardless of their places of residence, all KR members and physically handicapped students were accommodated.

As in the last year, the average housing fee amounted to CZK 750.

In June 1999, the Halls of Residence and Refectories Administration was lent a central accommodation system. By that, the accommodation procedures will be fundamentally changed: for the academic year 2000/2001, the Halls of Residence and Refectories Administration will be responsible for the whole accommodation routine.

The furnishing of MU halls of residence has improved considerably. Gradually, student rooms on Sladkého have been refurbished, and new furniture purchased on order. For two new buildings in Komárov refrigerators, lamps, net-curtains and kitchen units were bought. Students accommodated on Sladkého had the opportunity to use a newly reconstructed gymnasium. Unfortunately, its interior is not suitable for

ball games. The MU halls of residence on Kounicova, Mánesova and Klácelova were equipped with refrigerators, vacuum cleaners and lamps. In the Družba hall of residence, all study rooms were equipped with built-in units, new desks and chairs. In the hall on Mánesova, study rooms were also refurbished in order to serve better as a provisional form of accommodati-

on. At the Nám. Míru hall, two double-bedrooms (originally a service flat) were refurbished.

In the hall of residence on Tvrdého 5/7, all net-curtains were replaced with new ones and bathrooms re-furnished. In the Vinařská hall, rooms were equipped with new refrigerators, bedclothes and lamps.

**Table 2 - Accommodation capacity for MU students**

Year	MU	VUT	ČKSD	Total	Index
1993/1994	3 286	90		3 376	100
1994/1995	3 141	300	20+26VA	3 487	103,3
1995/1996	3 167	300	20	3 487	103,3
1996/1997	3 578	200	20	3 798	112,5
1997/1998	3 871	200		4 071	120,6
1998/1999	4 019			4 019	119,0
1999/2000	3 981	250		4 231	125,3

VUT – Technical University

ČKSD – Czech Congregation of Dominican Nuns

**Table 3 - Distribution of total accommodation capacity for MU students**

Year	1st study year	2nd to final study year	Post-graduate students and international research workers	International students
1993/1994	35 %	53 %	4 %	8 %
1994/1995	30 %	56 %	4 %	10 %
1995/1996	32 %	63 %	1 %	4 %
1996/1997	31 %	61 %	2 %	6 %
1997/1998	31 %	63 %	3 %	3 %
1998/1999	38 %	52 %	3 %	7 %
1999/2000	27 %	59 %	5 %	9 %



Table 4 - Accommodation requests met

Year	Accommodation capacity	Number of applications for places at halls of residence	Share of requests granted
1994/1995	3 487	5 040	69,2 %
1995/1996	3 487	5 784	60,3 %
1996/1997	3 798	5 282	71,9 %
1997/1998	4 071	5 913	68,8 %
1998/1999	3 919 x)	5 948	65,9 %
1999/2000	4 154 xx)	5 961	69,7 %

x) accommodation capacity was decreased by 80 beds for the SOCRATES programme and 20 beds for visitors of MU

xx) accommodation capacity was decreased by 80 beds for the SOCRATES programme

## CATERING

The Halls of Residence and Refectories Administration provided its catering services in three MU refectories, at two food counters (on Klácelova and Kounicova) and two cafeterias serving hot meals.

At the Družba food counter in the Vlnářská hall of residence, the customer is offered meals *a la minute* without the need to order in advance into the late afternoon hours. In order to fully satisfy MU students and employees, the cafeteria on Vlnářská (opened last year) has extended its services.

In December 1999, a new cafeteria providing hot meals was opened at the Faculty of Informatics. Its students and employees are served throughout the day: they are offered meals *a la minute*, hot meals, luncheon soups and a wide range of snacks without

the need to order in advance. The Halls of Residence and Refectories Administration strives to fully satisfy its customers, and in the nearest future it will open two new canteens: one in the newly reconstructed centre at Komenského Nám. and one in the building of the Faculty of Arts.

In comparison with the year 1998, the number of servings decreased by 13%; only the Vlnářská canteen recorded a certain increase thanks to its high-quality service.

Beside basic catering services, the staff of MU canteens are able to provide catering services for various important university events. The quality of its hot and cold dishes is very high.

<b>Moravské nám. refectory</b>	<b>Veveří refectory</b>	<b>Vinařská refectory</b>
<i>Ceremonial refreshments, lunches, parties, banquets for:</i>		
<ul style="list-style-type: none"> <li>- Rector, Vice-Rectors, Deans</li> <li>- Universitas Masarykiana Foundation</li> <li>- Salzburg Seminar</li> <li>- 80<sup>th</sup> anniversary of Moravian Morphological Day</li> <li>- Association for Friends of Slavs</li> <li>- USA Ambassador and his guests</li> <li>- UNESCO</li> <li>- Academic Council of MU</li> <li>- Ministry of Education, Youth and Sport of Czech Rep.</li> <li>- Summer School of Slavonic Studies</li> <li>- 3<sup>rd</sup> Garden Party in the Botanical Garden of the Faculty of Science</li> <li>- Opening of the Astorka Centre (JAMU)</li> <li>- Dark Blue Festival for Children with Disabilities</li> <li>- MSVB</li> <li>- Various occasions – catering services in the University Club</li> </ul>	<ul style="list-style-type: none"> <li>- 80th anniversary of MU founding</li> <li>- Brno Academic Choir</li> <li>- Museology</li> <li>- Honorary doctorates</li> <li>- Central European Olympiad</li> <li>- Faculty of Informatics</li> <li>- Anniversary of FI founding</li> <li>- Anniversary of ICS founding (Institute of Computer Science)</li> <li>- ELSA</li> <li>- MSVB</li> </ul>	<ul style="list-style-type: none"> <li>- Events at Faculty of Economics and Administration</li> <li>- Institute for Vertebrate Biology</li> <li>- Czech Chamber of Stomatology</li> <li>- Family Centre</li> <li>- Porsche</li> <li>- Petřvaldský Foundation</li> <li>- UNESCO-CHAIR</li> <li>- Faculty of Science</li> <li>- Business School Chamber</li> <li>- ROB Association</li> <li>- Association of Czech Fighters</li> <li>- Moravian Committee of the Helsinki Union</li> <li>- KaH Kinetic</li> <li>- ČVT VHS</li> <li>- Czech Educational Society</li> <li>- MSVB</li> </ul>

Table 5 - Numbers and proportions of meals served in MU canteens

Canteen	1993	1994	1995	1996	1997	1998	1999
Mor. nám	268049 (26 %)	592015 (48 %)	676523 (52 %)	695035 (48 %)	716312 (47 %)	532943 (48 %)	474966 (49 %)
Veveří	348743 (33 %)	248711 (20 %)	295523 (22 %)	368342 (26 %)	463833 (30 %)	361885 (33 %)	266626 (28 %)
Vinařská	425289 (41 %)	400892 (32 %)	344501 (26 %)	376154 (26 %)	349177 (23 %)	212620 (19 %)	216658 (23 %)
<b>Total</b>	<b>1 042 081</b>	<b>1 241 618</b>	<b>1 316 547</b>	<b>1 439 531</b>	<b>1 529 322</b>	<b>1 107 448</b>	<b>958 260</b>
<b>Index</b>	<b>117,4</b>	<b>139,8</b>	<b>148,3</b>	<b>162,1</b>	<b>172,2</b>	<b>124,7</b>	<b>107,9</b>

The year 1992 = 100% index

## GRANTS

The providing of financial sources necessary for the covering of study expenses plays another important role in creating a satisfactory social background for MU students.

In 1999, the grant policy experienced fundamental changes based on Act no. 111/1998 on Schools of Higher Education and accompanying acts. In the course of 1999, MU and its faculties processed new internal regulations concerning grant rules which are in line with the above-mentioned legal stipulations.

The MU Grant Code came into effect at the beginning of the academic year 1999/2000, followed by new grant codes at individual faculties. The impact of this unified legal modification will fully manifest itself in the year 2000. In line with the new regulations, individual MU faculties award students of accredited study programmes with their own grants. Masaryk University does not offer any regular study grants; it can, however, make individual awards to excellent students.

In 1999, grants were partially awarded in accordance with old legal stipulations and new regulations of individual MU faculties.

Considering the general grant issue, it is necessary to point out that financial demands are very high, and are partially covered by state budget funds and finances provided by the university and its faculties. The difficult economic situation afflicting the Czech Republic and subsequently also the university means limited available finance, and the stipulations of Act no. 58 par. 7 on study fees at schools of higher education have not yet been fully implemented.

In 1999, Masaryk University and its faculties provided the following types of grant:

- a) grants for post-graduate students
- b) grants for international students studying on the basis of intergovernmental agreements
- c) achievement grants
- d) extra (individual) grants

Grants were awarded to students on all forms of full-time study programme accredited at MU.

Grants described under a) and b) were subsidized from the state budget. The total amount of grants awarded at MU is shown in Table 1.

Table 1

<b>Total sum of grants in 1999</b>	<b>34 429 777</b>
<i>Of that:</i>	
Subsidies of the Ministry of Education – post-graduate study programme	28 155 000
Subsidies of the Ministry of Education – international students	4 313 000

In 1999, grants were awarded to 1,343 students, who received either single or regular grants.

Table 2 shows the dividing of grants for individual study programmes.

Table 2

<b>Number of students receiving grants in 1999</b>	<b>1 343</b>
<i>Of that:</i>	
Bachelor's study programmes	93
Master's study programmes	746
Post-graduate study programmes	504

The high amount of grants awarded to post-graduate students is the result of the fact that these grants are considerably higher than regular study grants as they have to cover higher requirements of post-graduate studies, and have been subsidized by the Ministry of Education, Youth and Sport of the Czech Republic.

Activities of MU students in the fields of sport and culture Masaryk University strives to create good conditions for the development of the recreational activities of its students. Together with the modernization of MU halls of residence, areas for students' recreati-

onal activities have been built or reconstructed. Sport activities at halls of residence are closely connected to the work of the MU Department of Physical Education. Masaryk University runs its own Sport Club, which joins together sportspeople from the whole university and other schools of higher education in Brno.

MU students also have many opportunities to participate in cultural activities organized at the university. Masaryk University has founded a number of choirs, which traditionally compete for the "Masaryk

University Choirs" title and perform at various ceremonial events held at Masaryk University.

**PUBLISHING ACTIVITIES**

Masaryk University is the holder of a publishing licence. In the framework of this licence and based on editorial plans of its faculties and decisions of the board of editors, the MU Publishing Centre published 279 non-periodical titles. Of these, lecture notes formed 53.4% (149) and academic publications 46.6% (130). The MU Publishing Centre printed 59% (165) of the titles itself, while 41% (114) were printed by other printing houses.

In 1999, for the publication activities of MU, an amount of CZK 1 mill. was allocated from the funds of the Ministry of Education, Youth and Sport. This sum was used for the publishing of university-wide titles (1998 Annual Report, University Review, Univer-

sity News), and student magazines issued by MU student clubs. On the approval of the board of editors, the Publishing Centre supported the publishing of some publications written by MU academics (intended for readership not only within the university). As previously, the Publication Centre published those titles stipulated in its editorial plan as part of a joint financing scheme with the Universitatis Masarykiana Foundation. The use of all finance was implemented on the approval of its board of editors.

Approximately 89% of the earnings of the Centre came from its main activities and 11% from its main activities.

**Administration of the Publishing Centre in 1999 (thousands of CZK)**

	Costs	Earnings	Economic result
Main activities	5 595	5 597	2
Economic activities	702	705	3
Total	6 297	6 302	5

**Number and profile of publications published 1997-1999**

Faculty	1997			1998			1999		
	lecture notes	academic public.	Total	lecture notes	academic public.	Total	lecture notes	academic public.	Total
FM	22	9	31	27	14	41	17	13	30
FA	33	29	62	30	39	69	28	37	65
FS	25	19	44	32	21	53	19	18	37
FL	26	22	48	32	24	56	31	11	42
FE	39	6	45	39	10	49	30	15	45
FEA	33	9	42	31	12	43	19	13	32
FI	2	0	2	2	1	3	2	1	3
SchSS				2	1	3	2	3	5
CDV	0	1	1	0	0	0	0	1	1
RO	1	11	12	9	21	30	1	18	19
Total	181	106	287	204	143	347	149	130	279

## ADVISORY CENTRE

In 1999, the organizational structure of the Advisory Centre (AC) did not experience many changes. It offers traditional services in the field of study and professional, legal and psychological counselling. The combining of these three spheres seems to be a well functioning model.

The Post-graduate Trade Fair has become an inseparable part of the Centre's activities. The annual trade fair offers to final year students work opportunities and contacts with potential employers. For the first time and in its 5<sup>th</sup> year this event was not held at the Faculty of Law; in co-operation with the ELSA and AISEC student organizations, MU prepared for 500 students a programme titled "KONTAKT" in the new building of the Faculty of Economics and Administration. As the Czech economic sphere is going through a difficult period, thus creating a less favourable situation on the job market, we have to admit that the interest of commercial companies decreases every year.

With regard to a high number of study programmes, the specialization is a new trend in the presentation of work opportunities. Business companies are less interested in presenting themselves broadly, and prefer closer contacts with selected groups of work applicants. The Centre would like to adjust its activities to this new development.

The Centre co-operates with a wide range of well-established companies (eg., Unilever, Východočeská stovební, Carrefour), for which it holds regular presentations. Thanks to these contacts, it was able to offer work positions for hundreds of its former students. For future lawyers, the Centre organized a meeting with representatives of the Regional Board and a psychologist, at which students had the opportunity to obtain much important information from legal practice. The Centre also prepared a meeting with the Head of the Diplomatic Academy of the Ministry of Foreign Affairs. The meeting was attended by students from the Faculties of Law, Arts, Economics and Administration and the School of Social Studies, where they were told about how to enter the diplomatic services.

The Advisory Centre works closely with the Information and Advisory Centre in Prague, the Centre for Research of University Education, the Academic Information Centre, the Jan Hus Foundation and various student organizations (eg., AISEC, ELSA). The Centre presented its work at a regional conference of IAC employees of employment agencies, and its results were highly appreciated.

The Centre has established a new relationship with the International Organization for Migration (IOM), and provides MU students with an information service.

The Centre carried out its 6<sup>th</sup> sociological research project under the title "Graduation at MU – Past and Future". The research methodology was updated, and new questions were included mapping the interest of students in post-graduate studies and the prospective sponsoring of MU. The research focused on job activities of MU graduates, the range of which has considerably expanded in the course of the last few years.

In 1999, the activity of the **Psychological Counselling Centre** was characterized by a decreasing interest in group sessions and increasing interest in individual psychological counselling. MU students looked for courses on the development of special, precisely defined skills.

The Psychological Counselling Centre employs four fully occupied psychologists. The interest of MU students in this type of counselling was so high that the Centre interrupted its work in the summer for a very short period only. Counselling focuses mainly on the solving of study and personal (relations, general communication) problems. MU students have also increased their interest in psychological diagnostics.

In 1999, the Psychological Centre was visited by 92 clients.

The **Study and Professional Counselling Centre** was visited by 760 clients. Approximately one quarter was interested in personal profile analysis. Other issues included study options at MU and other schools of higher education in the Czech Republic and advice concerning entry into the world of work (self-presentation, curriculum vitae, etc.). In 1999, the Centre experienced a growing interest in its services.

As part of the so called "peer programme", one final year student at the Faculty of Law works in the Centre, supervised by Assoc. Prof. Dr. Zdeňka Gregorová, MU Vice-rector. The majority of issues focused on social security, subsistence level and related issues. Other questions included family law, especially legal relations between parents and children. Usually, problems are discussed and solved via E-mail or telephone; it is also possible to arrange a meeting in person.

The Advisory Centre strives to help MU students with their future careers, increase their personal and professional skills and improve their chance of success in a highly competitive professional environment. The Centre would like to maintain contacts with MU graduates, and use their experience for the benefit of its current clients. Using this feedback, it puts great effort to improving its services for students, who have to prepare themselves for a professional career.

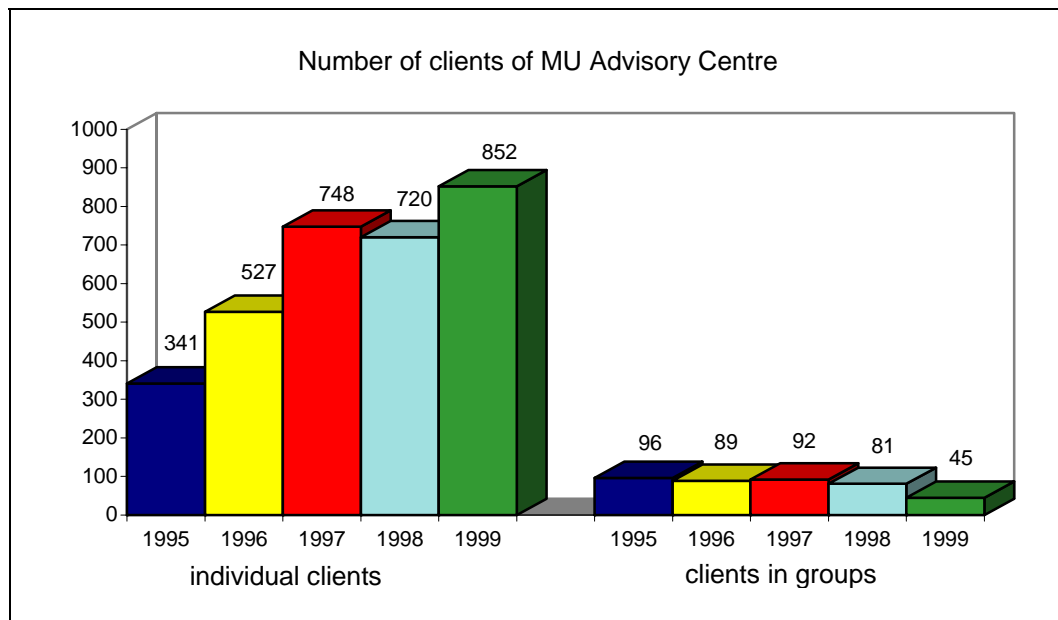
## Clientele of MU Advisory Centre in 1999

### Those interested in study and work consultancy by MU faculty (personal consultations)

Faculty		in %
FL	118	15,5
FEA	82	10,7
FA	62	8,2
FE	41	5,4
FS	38	5,1
FM	21	2,8
FI	9	1,2
SchSS	8	1,1
Total of MU students	379	49,9
Others	381	50,1
(secondary-school students, parents, graduates, teachers)		
Total:	760 clients	

### Those interested in psychological counselling by MU faculty

Faculty		in %
FL	20	21,7
FEA	8	8,7
FA	15	16,3
FE	4	4,3
FS	12	13,1
FM	10	10,9
FI	6	6,5
SchSS	7	7,6
Total of MU students	82	89,1
Others	10	10,9
Total: 92 clients		



# MANAGEMENT

Ing. František Gale, Bursar

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In this annual report, we have been reviewing the 1999 calendar year in order to evaluate and compare its economic indicators with indicators of previous years. The economic and qualitative indicators document the activity of Masaryk University, and objectify statements described in the report.

Each year has its own characteristics. Each period evaluated reflects both the internal situation of the university and economic situation in the Czech Republic. The economic situation plays a fundamental role in the evaluation of all organizations which are economically dependent on the state budget.

What were the external and internal conditions of the year 1999?

- In effect from January 1 1999, schools of higher education were transformed into public schools of higher education; in accordance with Act no. 111/98, Masaryk University became a public school of higher education
- The state signed all movables and immovables over to MU, which brought with it extensive inventory-making, administration and legal property activities leading to complicated processes of accounting and tax property depreciations
- The year 1999 stressed the implementation of the new Act no. 111/98, which has shown many missing links in other legislative areas
- The management of schools of higher education gained a new body: a board of directors, which was established and started its activities. At MU, a board of directors was also established, and participated actively in legal property and development issues.
- Masaryk University processed a basic document titled "The Long-term Outlook for Masaryk University up to the Year 2005", the main points of which had to be defended at the ministerial level; as from the year 2000 this will influence the financing of MU (the document was approved on December 8 1999).
- In line with the new act on university education, the Ministry of Education, Youth and Sport of the Czech Republic has introduced transformation processes into the normative financing of university educational activities.
- The state financing of MU in the form of contributions was transformed into appropriations stressing the individual purpose of each appropriation. The unfavourable economic situation in our country means that the appropriation level cannot ensure the necessary financing of public schools of higher education.

With regard to all difficulties of 1999, it is possible to consider this year as a transformation period for MU, in which it was necessary to solve all operational problems and maintain the investment plan.

Concerning MU financing, the following issues were the most problematic:

- The refusing of MU's request for financial support of the educational activities of two newly established MU faculties; the Ministry's reduction based on an average coefficient also afflicted the Faculty of Science
- A political decision at ministerial and state legislative levels on the abolition of study fees for international students (self-payers, who are taught at Masaryk University in Czech) afflicted the Faculties of Law and Medicine.

The above-described ministerial decisions caused complications for Masaryk University, especially its faculties.

At the beginning of 1999, in spite of MU's efforts to minimize redistribution processes at the university, it was necessary to reduce to the minimum level the financial requirements of individual MU faculties. At the same time, the university focused on gaining financing from sources other sources than the state budget.

Despite all efforts - and for the first time since November 1989 - Masaryk University experienced a loss amounting to CZK **3.8. mill.** in operational means.

Comparing the figures of the year 1999, the total profit amounted to CZK 1.177 milliard and total expenses to CZK 1.181 milliard, i.e. there was a minimal loss covered by the reserve fund.

On the other hand, however, the negative economic result was a warning signal; with regard to the further development of the university and the "Long-term Outlook of Masaryk University up to the Year 2005" document, it is necessary to find a basic solution for MU financing.

The low level of MU's economic loss was influenced by income from supplementary activities amounting to CZK 25.2 million.

Concerning the main MU activities, the loss amounted to CZK 29 million. This fact means that at future negotiations with the Ministry of Education, it will be necessary to insist on the changing of its appropriation policy conditions. All universities similar to Masaryk University lose out by the outdated normative financing of faculties with a low demand coefficient. Development of the last five years has shown that the use of computer technology at faculties specializing in humanities and "virtualization" of many laboratory processes at technical faculties have obliterated the former dividing of faculties into so called

”cheap” and ”expensive” (manifested in different coefficients).

Another significant economic factor is the growth of depreciations, which have become part of educational subsidies, and reduce excessively - especially in the case of active universities - the total sum of financing necessary for running the university.

The above-stated system drawbacks are not the only factors influencing the economic result of the university. The activities of MU faculties and its sections are another significant aspect, as the faculties did not manage to decrease their expenses and increase necessary output.

The profit of Masaryk University amounted to CZK 216 million from its main activity and c. 82 million from supplementary activities; the current level of MU development, however, requires faster growth in its output.

In 1999, the state budget subsidy for MU amounted to CZK 879.9 million but with regard to the ministerial coefficient system, Masaryk University received c. CZK 100 million less than the Technical University (VUT Brno), the size and equipment requirements of which are comparable to those of our university. This fact has to be analysed and used as an argument for necessary changes in the appropriation policy of the Ministry of Education, Youth and Sport of the Czech Republic.

Investments are an independent part of the evaluation of the year 1999. In this field, we have succeeded to maintain the trend of previous years. Masaryk University invested a total of CZK 254.8 million, of that CZK 107.3 from its own sources.

An amount of CZK 101 million from the state budget was used for building projects, CZK 42 million for sources not included in investments.

The Investment Property Reproduction Fund (FRIM) consists mainly of depreciations and increases investment activities. On the other hand, it burdens the operational field with depreciations of investment properties as the subsidies do not respect investment growth (especially by grant activities).

In the field of research and development, we have received a total of CZK 182 million, of which CZK 75.6 million was for creative achievement. In comparison with 1998, this means a subsidy growth; our university, however, needs a higher sum for the implementation of a greater number of activities and projects in the field of research and development.

A supplementary subsidy for the Halls of Residence and Refectories Administration amounted to CZK 51 million. That sum is lower than in 1998, and shows that it is necessary to search for new solutions.

With regard to the fulfilment of the 1998 analysis, we may state that the year 1999 was a relatively balanced year, during which, however, MU had to face negative influences on ministerial (system problems in the ministerial appropriation policy) and university levels (failing in maintenance of a positive economic result).

With regard to the above statement, the year 2000 will be of fundamental importance, and should not allow the situation of previous years when it did not respond as necessary to the expected development of MU.

Table 1 - Number of students in comparison with number of employees 1991-1999

	1991	1992	1993	1994	1995	1996	1997	1998	1999
Number of students	9 728	10 575	11 544	11 629	12 837	15 401	16 741	18 026	18 785
Num. of employees	2 182	2 232	2 309	2 309	2 275	2 435	2 458	2 477	2 497
Student/employee	4,46	4,74	5,00	5,04	5,64	6,32	6,81	7,28	7,52

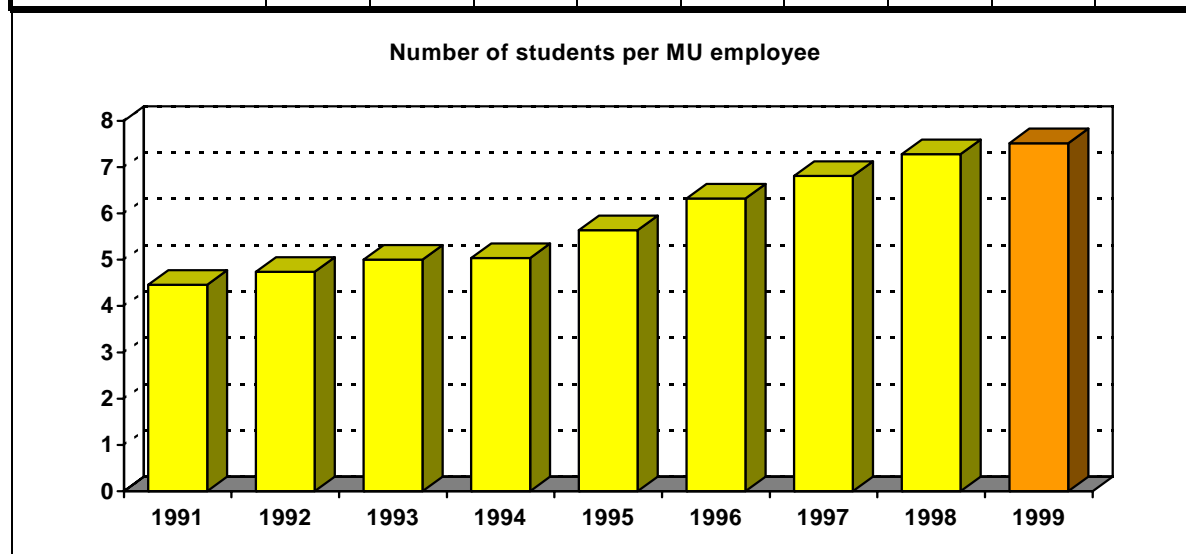




Table 2 - Statistics of employees and students - 1999

Faculta	Employees			Degree students				All students			
	tea- chers	others	total	number	student/ teacher ratio	Stud. / others ratio	Stud. / total ratio	number	student/ teacher ratio	Stud. / others ratio	Stud. / total ratio
FM	303,64	221,72	525,36	2 003	6,60	9,03	3,81	2 003	6,60	9,03	3,81
FA	171,33	84,20	255,53	3 008	17,56	35,72	11,77	3 008	17,56	35,72	11,77
FL	73,97	64,51	138,48	2 451	33,14	37,99	17,70	2 451	33,14	37,99	17,70
SchSS	32,69	21,87	54,56	935	28,60	42,75	17,14	935	28,60	42,75	17,14
FS	211,74	276,68	488,42	2 356	11,13	8,52	4,82	2 360	11,15	8,53	4,83
FI	43,38	48,24	91,62	1 217	28,05	25,23	13,28	1 240	28,58	25,70	13,53
FE	214,56	112,16	326,72	3 574	16,66	31,87	10,94	4 144	19,31	36,95	12,68
FEA	61,94	55,57	117,51	2 211	35,70	39,79	18,82	2 211	35,70	39,79	18,82
Others	82,04	194,44	276,48	0	0	0	0	433	5,28	2,23	1,57
SKM	0	222,27	222,27	0	0	0	0	0	0	0	0
Total	1195,29	1301,66	2496,95	17 755	14,85	13,64	7,11	18 785	15,72	14,43	7,52

Table 3 - Non-investment means per student 1991-1999 in thousands of CZK

	1991	1992	1993	1994	1995	1996	1997	1998	1999
Non-investment funding of the Ministry of Education	296 420	312 950	425 123	518 252	637 285	728 155	751 761	851 717	879 955
Number of students	9 728	10 575	11 544	11 629	12 837	15 401	16 741	18 026	18 875
Non-investments/student	30,47	29,59	36,83	44,53	49,64	47,28	44,91	47,25	46,62

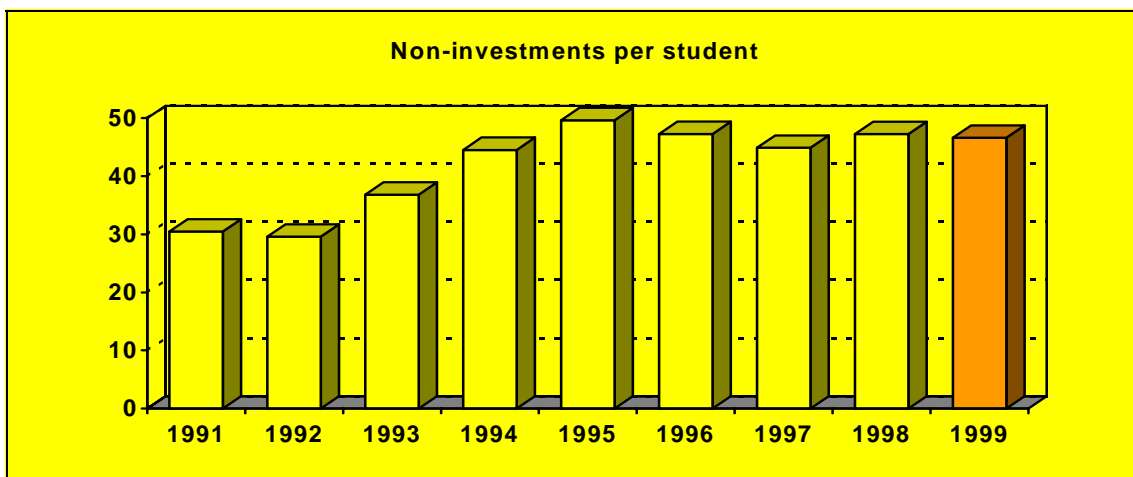


Table 4 - Non-investment means gained from grants between 1992 and 1999 in thousands of CZK

Faculty	1992	1993	1994	1995	1996	1997	1998	1999
FM	173	3 286	6 346	6 994	12 474	13 962	13 449	21 642
FA	0	2 196	2 034	4 660	4 786	6 794	2 290	5 946
FL	28	10	0	88	78	207	251	148
SchSS							3 354	5 851
FS	2 187	7 743	10 733	10 437	17 067	22 507	32 649	51 297
FI			310	2 870	934	523	3 656	7 875
FE	2 930	1 196	2 021	900	984	1 756	1 966	2 477
FEA	386	80	157	1 048	1 282	1 496	1 952	1 884
Others		7 888	15 134	24 631	15 133	4 027	8 683	3 578
of this:								
RO	0	0	0	500	170	316	156	156
ICS	0	0	0	21 460	14 212	2 900	7 840	3 290
CDV	0	0	0	2 671	751	811	687	132
Total	5 956	22 399	36 735	51 628	52 738	51 272	68 250	100 698

Table 5 - Investment means gained from grants between 1992 and 1999 in thousands of CZK

Faculty	1992	1993	1994	1995	1996	1997	1998	1999
FM	0	1 260	2 500	9 526	3 823	1 832	2 879	6 468
FA	0	352	519	1 524	1 499	1 123	1 380	2 746
FL	0	0	0	75	40	594	55	0
SchSS							1 325	476
FS	305	2 353	5 690	5 245	45 521	19 298	21 737	24 343
FI			40	2 170	3 140	1 689	7 923	3 095
FE	187	233	188	221	138	340	610	187
FEA	0	45	157	33	0	0	611	0
Others	0	10 049	19 153	19 903	28 665	17 077	31 327	9 320
of this:								
RO	0	0	0	0	30	0	100	0
ICS	0	0	0	19 713	28 635	17 077	31 227	9 320
CDV	0	0	0	190	0	0	0	0
Total	492	14 292	28 090	38 697	82 826	41 953	67 847	46 635

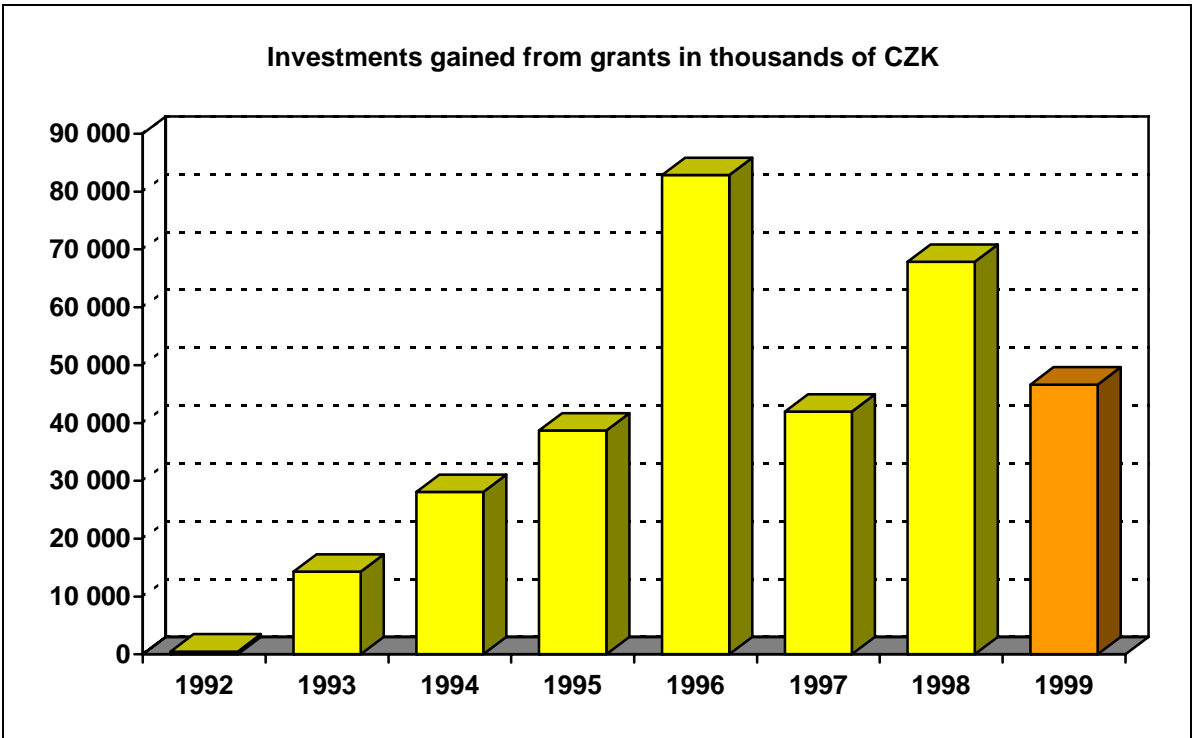
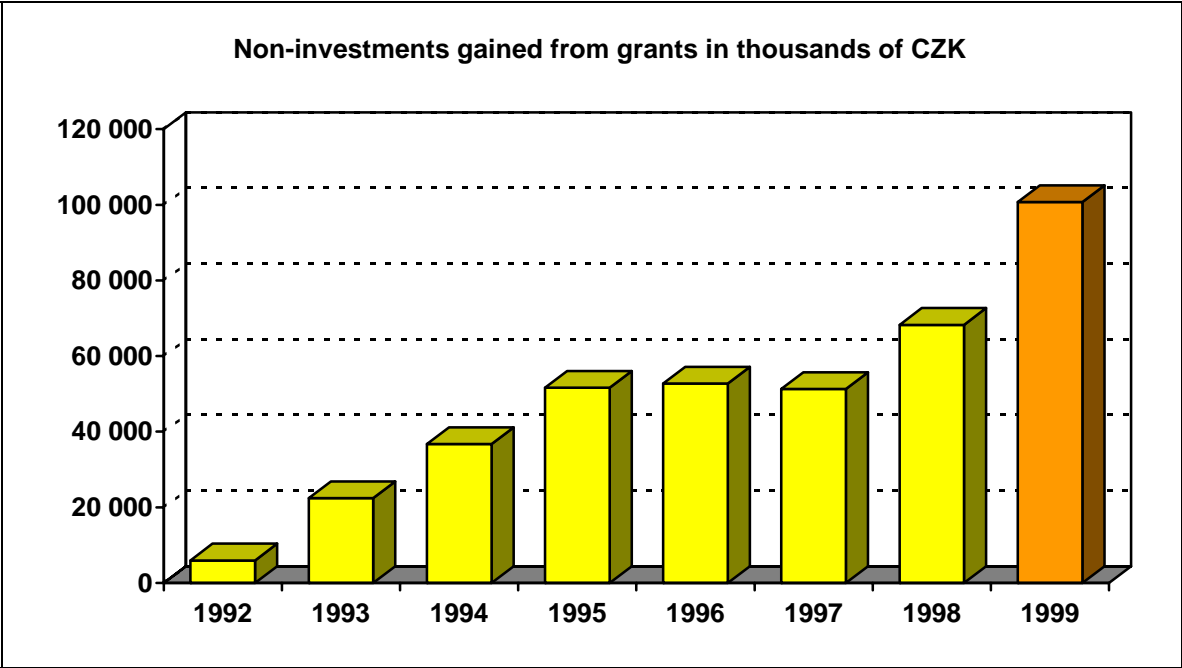


Table 6 - Means for wages gained between 1993 and 1998 in thousands of CZK (1999 - unlimited)

Faculty	1993	1994	1995	1996	1997	1998	1999
FM	82	834	995	1 644	3 448	3 487	5 578
FA	88	932	1 405	1 286	1 845	711	1 945
FL	0	0	15	41	42	78	43
ScSS						1 419	2 949
FS	238	1 510	2 375	3 440	5 971	8 071	17 693
FI		0	75	40	106	1 186	3 681
FE	655	754	146	184	334	629	714
FEA	137	12	519	294	415	670	578
Others	1 810	948	1 528	693	504	557	930
out this:							
RO	0	30	0	80	30	30	49
ICS	38	188		275	170	158	879
CDV	1 772	730	1 528	338	304	369	2
<b>Total</b>	<b>3 010</b>	<b>4 990</b>	<b>7 058</b>	<b>7 622</b>	<b>12 665</b>	<b>16 808</b>	<b>34 808</b>

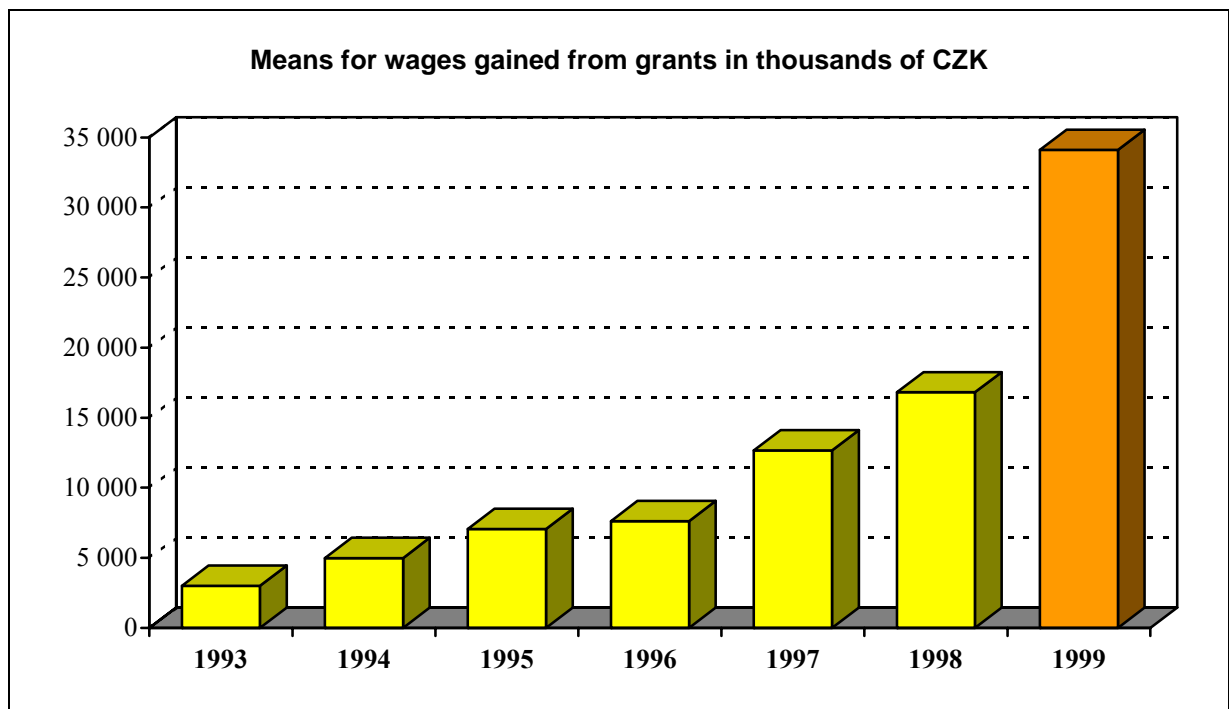


Table 7 - Earnings from supplementary activities between 1991 and 1999 in thousands of CZK

Faculty	1993	1994	1995	1996	1997	1998	1999
FM	5 610	19 816	29 949	32 617	37 071	43 351	8 863
FA	1 804	4 003	3 293	1 946	2 422	3 890	677
FL	9 686	19 030	14 083	20 698	18 083	20 416	3 825
SchSS						375	231
FS	7 240	8 786	9 349	9 254	9 712	14 773	17 107
FI				691	180	163	448
FE	1 456	465	860	1 376	1 185	1 190	3 315
FEA	1 274	2 924	3 478	2 526	3 087	3 078	5 579
Others	5 671	11 319	24 184	31 089	27 955	29 459	24 243
Total	32 741	66 343	85 196	100 197	99 695	116 695	64 288

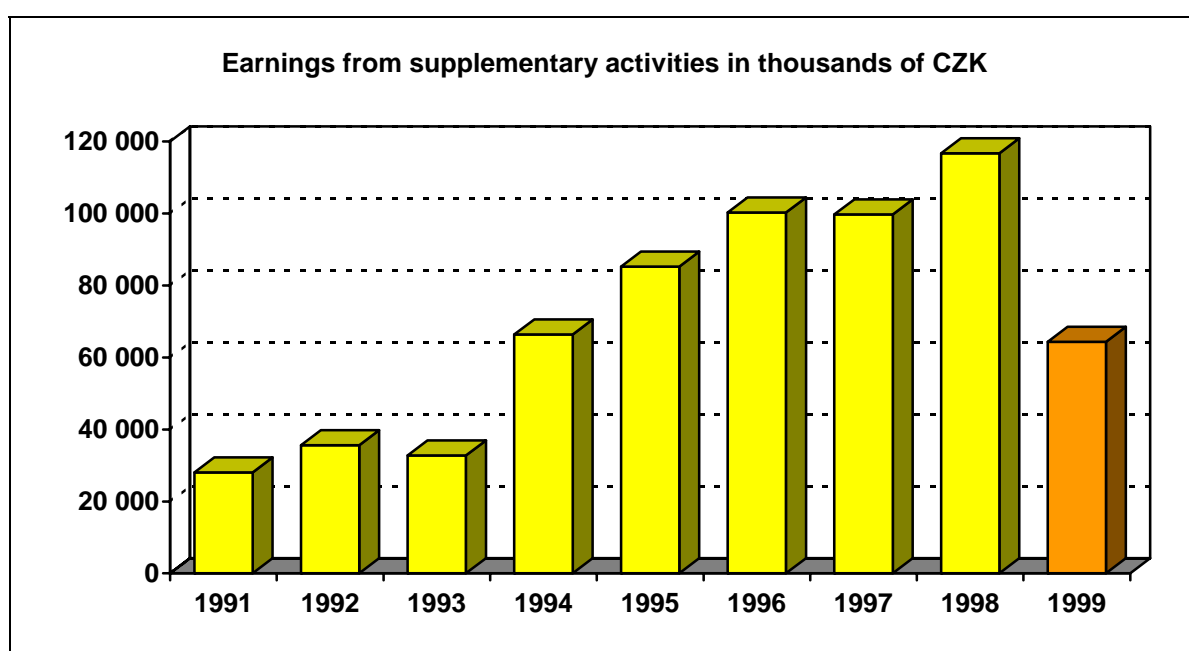


Table 8 - Financial means gained from academics' grants between 1992 and 1999 in thousands of CZK

	1992	1993	1994	1995	1996	1997	1998	1999
Means from grants	6 448	39 701	69 815	97 383	135 564	93 225	136 097	147 333
Number of academics	1 049	1 079	1 107	1 089	1 135	1 145	1 151	1 195
Grant/academic	6,15	36,79	63,07	89,42	119,44	81,42	118,26	123,29

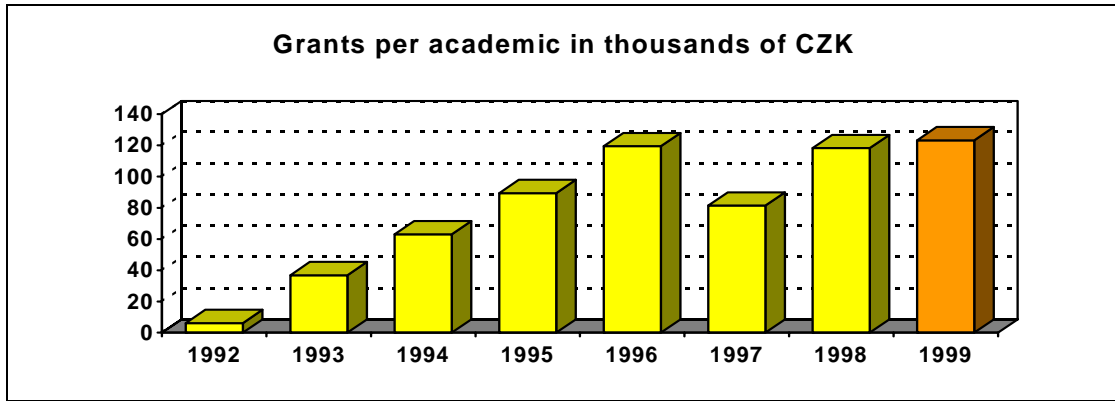


Table 9 - Means gained from additional activities per employee between 1991 and 1999 in thousands of CZK

	1991	1992	1993	1994	1995	1996	1997	1998	1999
Means from additional activities	28 070	35 583	32 741	66 343	85 196	100 197	99 695	116 695	64 288
Number of employees	2 182	2 232	2 309	2 309	2 275	2 435	2 448	2 477	2 497
Additional activity/employee	12,86	15,94	14,18	28,73	37,45	41,15	40,72	47,11	25,75

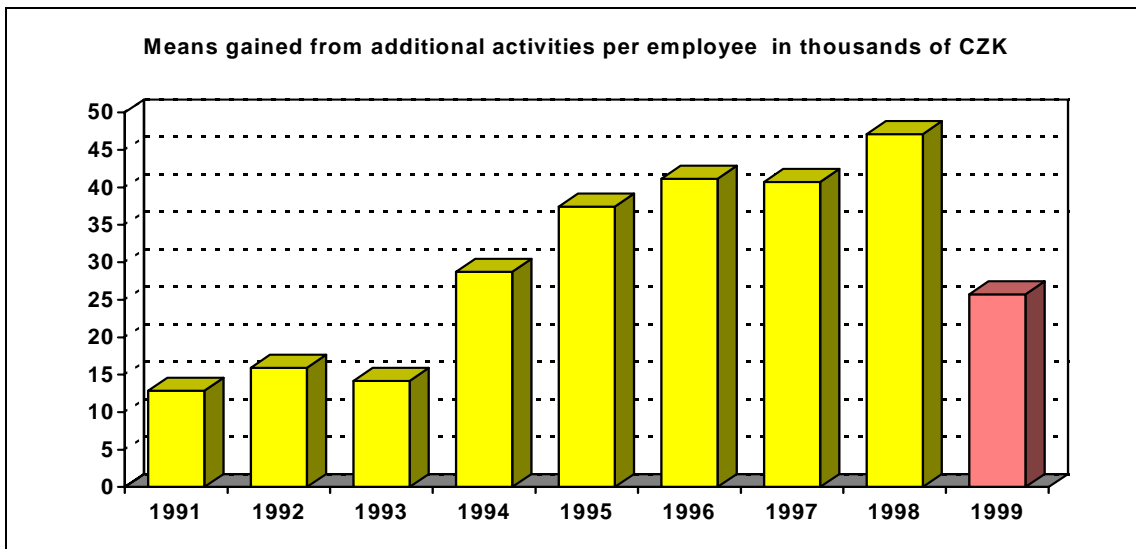


Table 10 - MU employee between 1990 and 1999 (teachers)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
FM	315,0	314,4	322,1	320,1	309,3	305,0	290,5	294,71	293,67	303,64
FA	159,4	173,2	175,7	179,4	183,8	188,6	186,6	191,71	170,33	171,33
FL	50,5	57,8	62,5	69,5	71,3	73,3	70,5	74,72	76,54	73,97
SchSS									24,32	32,69
FS	181,2	200,4	211,0	208,4	202,5	195,3	200,0	195,86	196,76	211,74
FI					6,6	20,7	24,5	28,32	28,66	43,38
FE	181,9	193,5	197,7	205,5	225,8	232,5	233,5	226,97	219,40	214,56
FEA		8,6	13,2	21,2	29,9	47,2	57,0	58,29	60,38	61,94
Others	81,4	54,2	67,0	75,0	78,2	72,6	72,7	74,06	80,75	82,04
Total	969,4	1 002,1	1 049,2	1 079,1	1 107,4	1 135,2	1 135,3	1 144,64	1 150,81	1 195,29

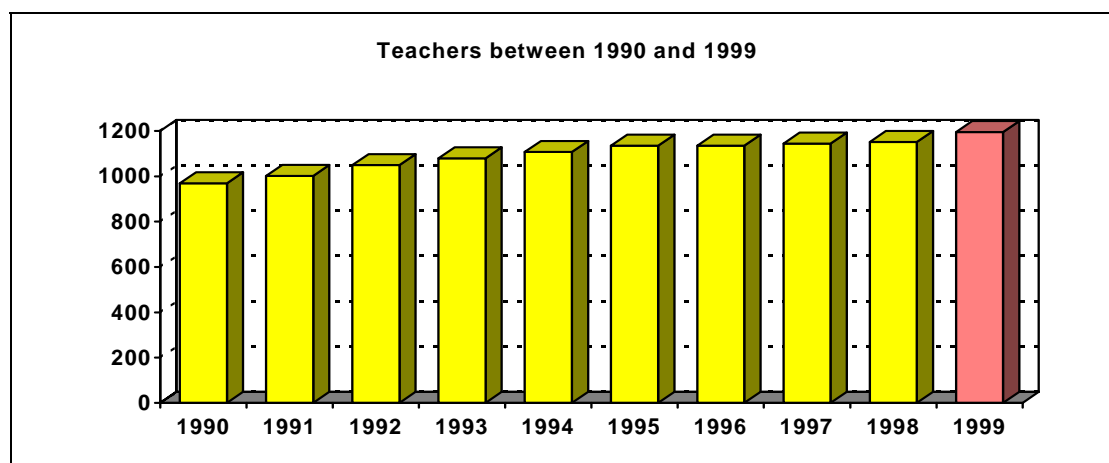


Table 11 - MU employees between 1990 and 1999 (non-teaching staff)

Faculty	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
FM	278,8	277,4	268,5	271,1	267,0	269,6	269,0	269,82	238,75	221,72
FA	84,3	88,5	88,5	93,7	93,2	88,1	92,9	96,34	86,00	84,20
FL	42,2	57,2	54,0	66,9	65,3	80,5	72,9	69,13	66,84	64,51
SchSS									21,31	21,87
FS	234,3	223,7	226,9	234,5	232,8	245,3	247,8	264,51	277,92	276,68
FI						19,7	36,1	40,99	53,95	48,24
FE	115,1	105,9	102,1	101,1	103,3	112,9	117,3	116,71	112,03	112,16
FEA		29,6	26,5	27,4	29,7	40,5	45,5	39,17	47,40	55,57
Others	206,3	179,9	196,3	196,4	180,5	187,7	189,5	192,96	187,25	194,44
SKM	255,6	217,7	220,0	230,6	226,2	217,8	228,3	224,19	235,05	222,27
Total	1 216,6	1 179,9	1 182,8	1 219,7	1 202,0	1 262,1	1 299,3	1 313,82	1 326,50	1301,66

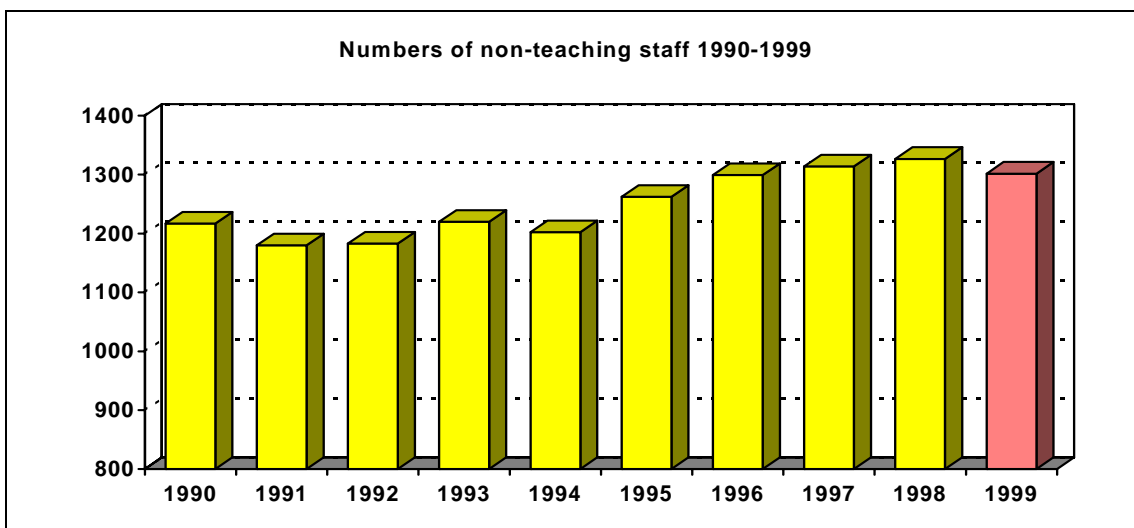


Table 12 - Budget non-investment means between 1991 and 1999 in thousands of CZK

1991	1992	1993	1994	1995	1996	1997	1998	1999
296 420	312 950	425 123	518 252	637 285	728 155	751 761	851 717	909 626

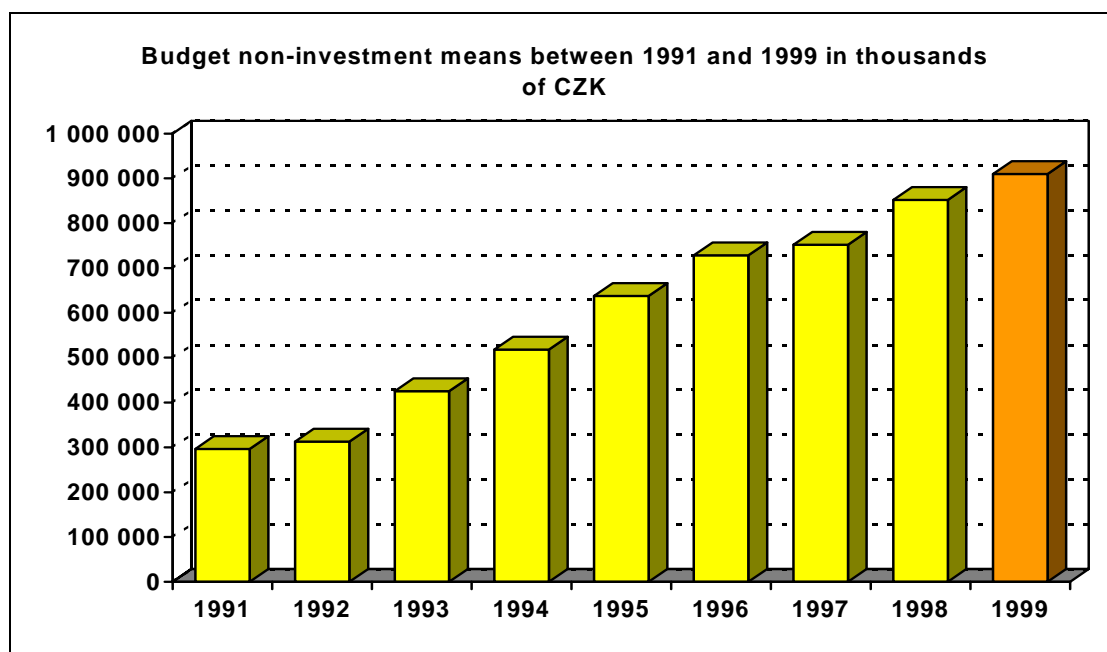




Table 13 - Costs for the maintenance of MU buildings between 1991 and 1999 in thousands of CZK

Year	1991	1992	1993	1994	1995	1996	1997	1998	1999
Amount	9 451	17 061	19 738	22 155	21 192	41 023	48 685	63 833	66 458

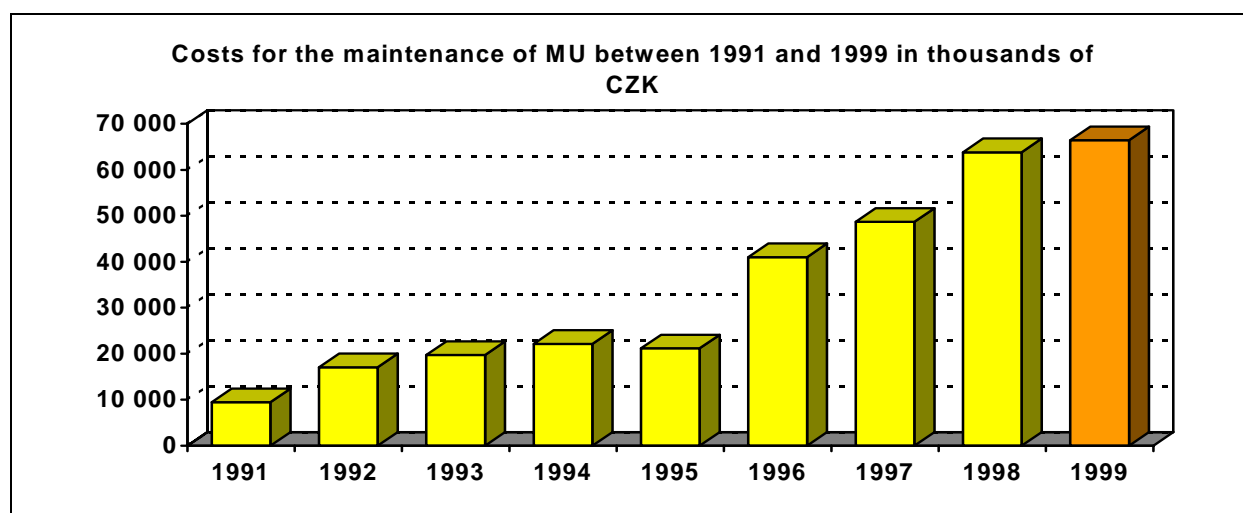


Table 14 - Immovable assets between 1991 and 1999 in thousands of CZK

1991	1992	1993	1994	1995	1996	1997	1998	1999
172 768	198 978	214 478	232 465	410 972	490 902	556 326	811 241	1 260 731

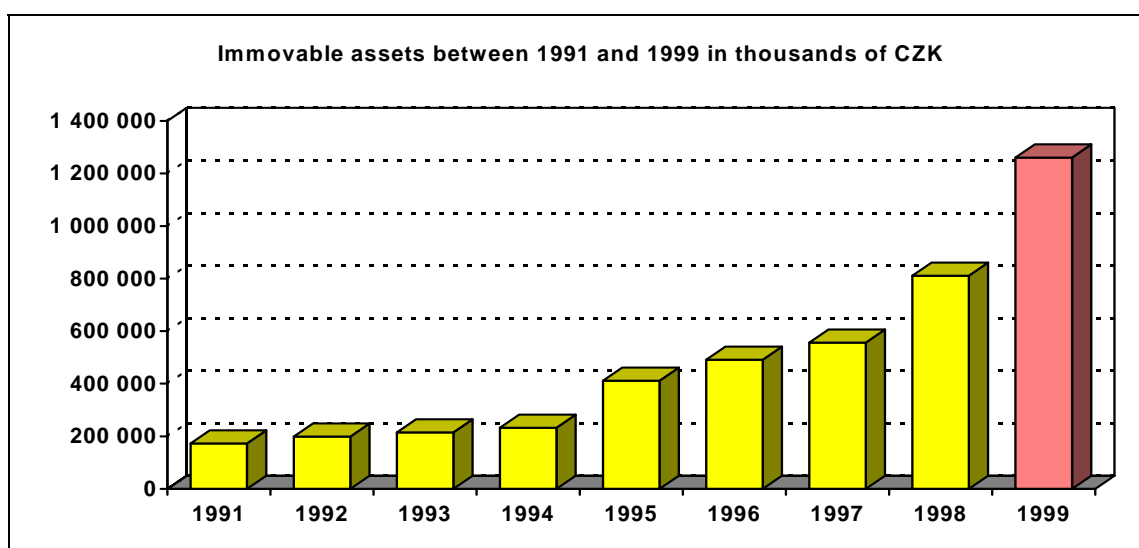


Table 15 - MU movable assets between 1991 and 1999 in thousands of CZK

1991	1992	1993	1994	1995	1996	1997	1998	1999
372 787	418 367	461 685	506 541	614 659	728 618	828 203	938 231	1 154 398

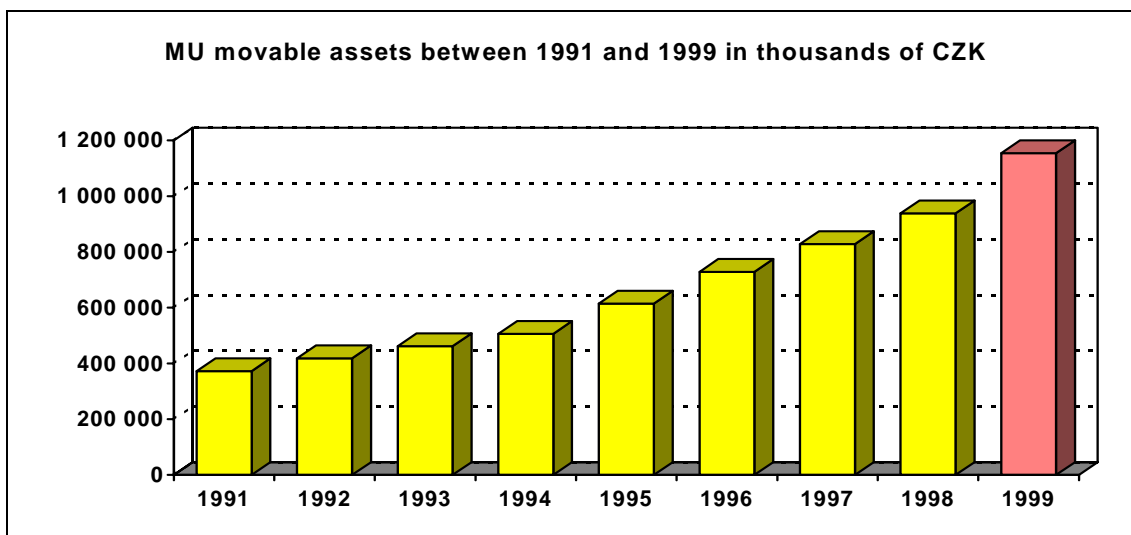
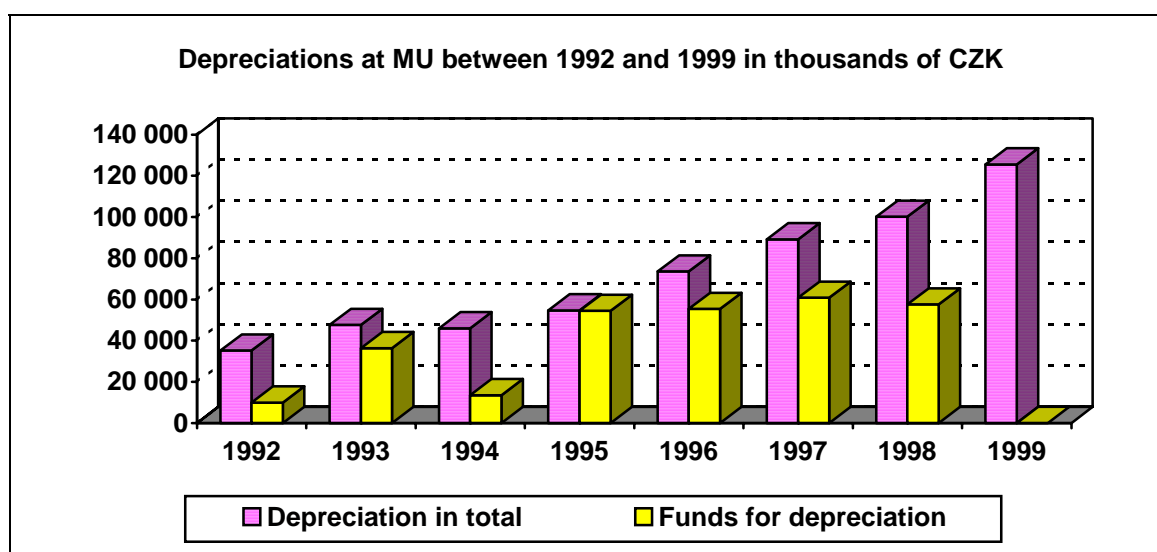


Table 16 - Depreciations at MU between 1992 and 1999 in thousands of CZK

	1992	1993	1994	1995	1996	1997	1998	1999
Property depreciations	35 220	36 395	39 696	44 946	60 755	79 169	94 963	125 535
Depreciations from economic result of previous year		11 210	6 329	9 729	12 843	10 000	5 181	0
<i>Total depreciation</i>	<i>35 220</i>	<i>47 605</i>	<i>46 025</i>	<i>54 675</i>	<i>73 598</i>	<i>89 169</i>	<i>100 144</i>	<i>125 535</i>
Funds for depreciations	10 000	36 355	13 588	54 435	55 397	60 801	57 544	0



# ACADEMIC SENATE OF MASARYK UNIVERSITY

Assoc. Prof. Dr. Vladimír Palyza, Chair of the Senate

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In 1999, the Academic Senate of Masaryk University (AS MU) was in the last (third) year of its functional period (1997–1999). The Act on Schools of Higher Education (Act no. 111/98) fully in effect from the beginning of the year influenced greatly the work of the Senate.

At almost all of its eight sittings, the Senate approved new statutes, status amendments and internal regulations (in the second half of December, the Senate took a special vote by electronic means).

The original plan to provide MU faculties with internal modified regulations at the end of September was not fulfilled; it was necessary to change practically the entire legislation. The Legal Department of the MU Rector's Office (headed by Dr. Marta Stárková) and the AS Legislation Committee (headed by Dr. Dana Hrabcová, Faculty of Law) had to process an extensive amount of work: thousands of amended pages were (often repeatedly) discussed.

In the given situation, the new Academic Senate will have to deal with the further profiling of some faculty regulations, and MU management has already taken necessary organizational actions.

At the March sitting, AS MU acknowledged the MU subsidy specification for 1999, and discussed specific salary regulations for MU academics, approved members of the Academic Council of the Institute for Strategic Studies, repeatedly discussed rules for the dividing of the annual MU subsidy and financial solutions to the questions of inter-faculty study. At the end of the second sitting in March, AS MU could not approve the MU budget as the Senate did not have a two-thirds majority of its members. For this reason, it was necessary to call a third March sitting, at which the budget was approved.

In April, before presenting the proposal of the MU Statutes and their amendments to the Ministry of Education, Youth and Sport, they were discussed and approved by the Senate. The comment of the Ministry was approved in May. At that time, three new members of the MU Academic Council were confirmed. The Senate repeatedly discussed issues connected to the student identity card (its form and defrayment) which – under the new law - has to be issued for every student.

"The Long-term Outlook for Masaryk University up to the Year 2005" was discussed and approved

unanimously at the beginning of November. In the middle of November, the Senate resumed discussions on the student card (its defrayment in particular). At the end of November, a long-day meeting of the extended Rector's Advisory Board (with the participation of AS MU representatives) was held in Šlapanice, and discussed in line with tradition economic issues for the following calendar year. The work of the Senate in November and December focused on the discussing of the statutes of individual faculties, their amendments and internal regulations.

Generally, we may say that in the Senates of MU faculties a parity representation of students and academics did not prove to be effective. In votes, the same number of positive and negative votes is a possibility which causes an insoluble situation. We came to the conclusion that with seven representatives of each faculty, the MU Senate was too large. In line with the new "Rules of Voting and Procedure", the Senate will consist of five elected representatives of each MU faculty (three academics and two students, plus two alternates – one academic and one student).

On the other hand, the membership of Chairs of the Academic Senates of individual MU faculties in the MU Senate has proven effective. Co-operation between the Academic Senate and the university management was also highly satisfactory. Almost all meetings of the Academic Senate were attended by academic officials, and the Chair of AS MU was a regular guest at weekly meetings of the MU management, the Rector's Advisory Board and meetings at the Ministry of Education.

For the next functional period (2000-2005) at the Board of Schools of Higher Education (RVŠ), Tereza Výborná and Luděk Václavěk (an alternate) were delegated on behalf of MU students (both from the MU Faculty of Law); and Drahomír Horký (Faculty of Medicine), Josef Janyška (Faculty of Science), Maximilián Strmiska (School of Social Studies), Zdeňka Gregorová (Faculty of Law), Josef Trna (Faculty of Education) were delegated on behalf of the staff of MU faculties. In spite of a number of reminders, the Faculties of Arts, Informatics and Economics and Administration did not delegate their representatives, and the positions of representative for the RVŠ General Meeting and representative for the RVŠ Board have stayed unoccupied.

# MASARYK UNIVERSITY ARCHIVES

Head: Dr. Jiří Pulec  
Veveří 70, 611 80 Brno  
Tel. 420-5-42 21 48 53

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On December 31 1999, Masaryk University Archives kept 26 official funds (i.e. archives originating from activities performed by the university and its institutes). 97 personal funds of academics (written remains collections) and 41 archive funds of associations, academic associations and social organizations, the work of which was connected to Masaryk University. The Archives also keep 10 historic collections.

In 1999, the number of funds and collections in the MU Archives grew considerably. The Archives took over written collections of the Faculties of Science and Arts originating from between 1950 and 1980. The personal fund of the philosopher Josef Šafařík was transferred from the Institute for Theatre and Film Studies of the MU Faculty of Arts, and became a significant new addition to the Archives. After a few years of stagnation, the photograph collection was significantly enlarged (by sets of photographs from the International Office of the MU Rector's Office in particular). The Archives also received a bust of Arne Novák, which was given as a present to Masaryk University by the Novák family.

The Archives opened personal funds of English scholars Josef Vachek, František Chudoba and Paul L. Garvin. The institute also processed funds of the Institute of Marxism and Leninism which include written documents from before 1968. With regard to the Archives' participation in the 409/00/0130 grant project

("The History of University Education in Moravia between 1945 and 1990"), it was necessary to process rapidly some documents from the Faculties of Arts and Science taken over by the Archives in 1999.

On the occasion of the 80<sup>th</sup> anniversary of Masaryk University's founding, the Archives was involved in the publishing of an anniversary publication and preparation of the MU stand at the Exhibition of Insignias, Records and Documents of Brno Schools of Higher Education.

On the occasion of the November 17 anniversary, an exhibition of photographs and posters from the MU Archives was held in the New Town Hall.

The administrative functions of the MU Archives are wide, and include the issuing of various certificates, diploma duplicates and school certificates. In comparison with last year, the number of documents issued has doubled. The number of research workers visiting the Archives has also increased, which is probably connected to MU's important anniversary. As one of the very few Czech university archives, the MU Archives have at their disposal a national computer database of the PEVA programme, which comprises all data on the filing of archival materials in the Czech Republic. Through the inter-archives service, the MU Archives are also able to arrange loans from other archives.

## CENTRE FOR THE FURTHER EDUCATION

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As in previous years, the activity of the Centre (CDVU) concentrated on the organization and realization of accredited educational courses, grant projects, counselling and publication activities. The Centre co-operated with the MU faculties, external professionals, the Czech School Inspection Board, School Offices and foreign institutions. The monitoring of needs of the life-long educational process (outside of the field of education) resulted in the signing of an agreement between Masaryk University and the Institute for Local Administration, Prague, which serves as a centre of the Ministry of Interior for the education of employees in state administration. Educational activities following from this agreement were delegated to

the CDVU and the Faculty of Economics and Administration, and courses focusing on special professional qualifications will be open in the year 2000.

### **Educational courses**

The total number of accredited courses reached 159. Courses were offered to schools through a university-wide catalogue.

In 457 days of seminars, 5,886 course participants received training.

Based on a contract with the Czech School Inspection Board, the Centre held courses for the Board's employees. In nine three-day courses, all the

Board's employees (a total of 300 inspectors) were trained.

### **Summer holiday activities**

During the summer holiday, the Centre held three courses for teachers of foreign languages in the Šlapanice Training Centre and one course of Czech for Austrian teachers. These courses were attended by 135 teachers.

### **Counselling and service activities**

The Centre supported teachers in their orientation in new schoolbooks, study materials and teaching aids, and informed them on study stays abroad.

The centre also provided organizational services at regional school competitions, disseminated informational materials on particular teaching issues, and mediated offers for the educational activities of other educational centres.

### **Development programmes**

In the framework of the Development Fund for Schools of Higher Education, the following two programmes were implemented:

1. Preparation of unqualified teachers of German for study at the Faculty of Education and for teaching of the fourth year and higher at elementary school (441/1999)

2. Mathematics teaching at elementary school (439/1999)

#### *LEONARDO DA VINCI programme*

A Comparison Evaluation of Apprentice Education in the Czech Republic and Spain (CZ/98/1/32/EXI.I.2 c) – completed in June 1999

Education in Specialized German (NL/98/1/74058/PI/III/I and IVT) – started in February 1999

### **International co-operation**

The Centre worked together with foreign partner institutions focusing on the methodology of foreign languages, school management and preparation of so called "moderators" responsible for the further education of teachers at regional level. In co-operation with Austrian and German partner institutes, the Centre organized the participation of 129 Czech teachers in various two- or three-day educational courses abroad; 72 teachers were able to take part in study stays lasting between five and 14 days.

For 45 teachers, the Centre organized a course held in Lechtal in German methodology accompanied with German and Austrian Life and Institution Stu-

dies. Austrian teachers were offered a course in Czech language and three educational seminars. Five employees of the Centre took part in various projects, study stays and international conferences.

Together with the Austrian Ministry for Education and Culture and the KulturKontakt institute, Vienna, the Centre held 23 seminars of more than one day's duration and a one-year study project led by prominent Austrian lecturers, three seminars led by German lecturers and two seminars organized in co-operation with Swiss partners. The close contacts with Germany, Austria and Switzerland made possible the holding of a summer course for German teachers on entry into the EU, at which the Swiss Ambassador Mr. Fetcherin gave a lecture on connected issues.

The German and Austrian partners took part in the organization and sponsoring of a three-semester course in "multipliers" in German language accompanied by study stays in Germany (14 days) and Austria (4 days). The three-semester course for "moderators" was successfully completed. At the present time the Centre is holding a course for school managers on the preparation of schools for EU entry and a course for "moderators" on sex education. Co-operation with American and British partners led to three seminars and two summer courses in methodology.

The Centre continues to strengthen its already close contacts with a considerable number of foreign institutions and universities. New contacts were established with Educational Centres in Hamburg and Esslingen.

Together with KulturKontakt Vienna, the Centre published 11 methodological brochures for participants in courses led by international lecturers.

### **Publication activities**

With a print run of 500 copies, the Centre published the publication *Elementary School in the Mirror of a Five-year Research* written by Beran and Smékal.

The Centre also published a whole range of methodology materials for participants in its seminars and courses.

### **Educational Centre**

The Education Centre in Šlapanice was involved in the organization of the activities described above. In its building, educational courses and important conferences were held not only by the Centre for the Further Education of Teachers but also by MU faculties and academic societies.

# LANGUAGE TRAINING CENTRE

Head: Dr. Hana Reichová  
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Phone: ++420-5-42 128 376, <http://lingua.muni.cz>

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The Department of Foreign Languages provides foreign language courses for non-specialist language students at all faculties of Masaryk University: the Faculties of Economics and Administration, Arts, Medicine, Education, Science, Informatics and the School of Social Studies.

Teachers and foreign lecturers from seven divisions of the Department focus on language for specific purposes and the teaching of academic skills in English, German, French, Spanish and Russian. At the Faculties of Arts, Medicine and Law, specialist terminology in Latin is taught and courses on rhetoric are held. The Department also holds Czech courses for foreign students.

The Self-Access Centre is an important part of the Department and is situated in the building of the MU Rector's Office. It has materials and teaching programmes that can be used by students and staff from all faculties for extending their knowledge of general and specific foreign language needs: teaching books, dictionaries, worksheets, videos, CD-ROMs and satellite TV. The Self-Access Centre provides the possibility of "independent learning" in addition to compulsory lessons. In 1997, the Department was accepted into CERCLES, the international organization of university language departments, thus allowing access to the European network. In 1999, the Department participated in the founding of the CERCLES Czech and Slovak Association.

As to academic work, many teachers are involved in post-graduate study programmes and participate in international conferences. Some teachers take part in grant-funded research projects, one of which is the "Refugee Law in Combination with Foreign Language" project completed in February 1999. This new obligatory optional discipline was prepared by the di-

vision of the department of Foreign Languages at the Faculty of Law in collaboration with the Department of International and European Law and has been recommended and approved by the Board of Directors of the Jan Hus Foundation. Guest university teachers from Holland and Belgium and professionals participated in the project.

The Department established close relations with the University of Aberystwyth (Wales, UK), and their co-operation is supported by a grant from the SOCRATES-ERASMUS programme. In 1999, the departments exchanged preparatory visits.

The Department of Foreign Languages coordinates the TESOL Teacher Education programme at Masaryk University. The purpose of the course is co-operation with and the exchange of experience between Czech and English-speaking students from the USA and Canada. Students who successfully complete the course work will receive certification from the University of Cambridge to allow them to teach English to adults.

The division of the Department at the Faculty of Economics and Administration participates in the TEMPUS European Studies Programme (ESPRO- EU Organization, Institutions and History) and the LEONARDO DELTA – ON LINE programme (multimedia programmes in English and German and their application in Czech).

The Department co-operates closely with the British Council. Some teachers are involved in methodological work in English university teaching and act as lecturers at various seminars and courses held by the British Council. In the last two years, the Council has supported the Department with numerous important grants.

## DEPARTMENT OF PHYSICAL EDUCATION

Head: Dr. Karel Opravil  
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Phone: ++420-5-42 128 367

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Physical Education at MU is organized by the university-wide Department of Physical Education. The Department provides physical education programmes at individual faculties through its departmental units. The Department is also the only guarantor of activities implemented by the University Brno Sport Club (VSK MU Brno).

The main aim of the Department's work is to enable students to take part in sports, and to provide them with opportunities to relax and regenerate their strength and rest in an active way. Students thus learn and acquire the right habits for a healthy lifestyle. At individual faculties, physical education is implemented in a variety of ways. Generally speaking, in the first years of studies, physical education forms part of the study curriculum (one course in sport included) and is completed with a credit. In higher study years, physical education is part of the supplementary study programme and is optional. Students are able to choose a sport discipline from those offered in the Department's programme. The range of possibilities is very wide and allows MU students a discipline they favour. The following sport disciplines are included in the main programme: basketball, volleyball, football, tennis, table tennis, aerobics, ballet, judo, karate, swimming, canoeing, conditioning exercises, bodybuilding.

The Department also organizes many different types of sports courses, such as downhill skiing, cross-country skiing, courses leading to sport instructor licenses, watercraft courses, windsurfing, cycling, hiking, rafting, mountain-biking, and an introduction into mountain climbing.

The University Sports Club has 22 teams and provides opportunities for MU students both at active and top-performance level. In national league competitions, MU is represented by 5+8 teams, in local competitions by 10+4 teams. Many MU teachers play a role as a team coach or leader. In 1999, the club had 1,720 members.

An important part of the teachers' work is organizing the sports activities of MU students. Dr. Eva Slonková is the deputy head of the ČAUS Executive Board. Dr. Karel Opravil is the head of the ČAUS Supervisory Board and the chair of the Brno University Sports Organization. Dr. Eva Slonková was the head of the national academic team for the '99 Winter World University Games held in the Slovak Republic. Dr. Karel Opravil was appointed the head of the Czech national team for the '99 Summer World University Games in Palma de Mallorca.

Dr. Korys and Dr. Opravil participated in the '99 Winter World University Games as ski coaches for the Czech national team.

In co-operation with the University Sports Club, the Department of Physical Education held a great number of prominent sporting events, including the International Academic Championship of the Czech Republic (a part of the UNI/FIS European Cup in Alpine skiing), the Academic Championship of the Czech Republic with international participation in classical skiing, and the Academic Championship of the Czech Republic in table tennis, golf, karate and sport aerobics.

Teachers of the Department participated in six academic conferences and presented four lectures.



# INSTITUTE OF COMPUTER SCIENCE

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Phone: ++420-5-41 512 211, <http://www.ics.muni.cz/>

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## 1. History

The Institute of Computer Science (UVT) began to develop the integrated presentation of Masaryk University ([www.muni.cz](http://www.muni.cz)) in the autumn of 1996. It was made public in the spring of 1997. Since then, as a central part of the external information system of the university, the presentation is regularly maintained and expanded.

## 2. Characteristics

The presentation gives access to survey information on all MU institutions and is based on the principle of unified information content, a unified form of presentation and automatic acquisition of information from university-wide sources, the basic condition being its continuous maintenance. Information is provided both in English and in Czech.

Data for the presentation is stored in the database [wwwdata.muni.cz](http://wwwdata.muni.cz) (further referred to as [wwwdata](http://wwwdata)). The database contains information acquired from several independent information subsystems of MU as well as its own subsystem built and maintained primarily for the needs of [www.muni.cz](http://www.muni.cz). The data acquired from other primary sources is mirrored in [wwwdata](http://wwwdata) without any alteration to its content. Data whose primary database is [wwwdata](http://wwwdata) is completed and updated by authorized administrators from all institutions (units) of MU – the data is maintained by means of an intranet editor (accessible from common web browsers, i.e. not requiring any special client software), on the principle of differentiated user rights.

## 3. Scope of [www.muni.cz](http://www.muni.cz)

The [www.muni.cz](http://www.muni.cz) system typically provides the following information:

- survey lists (structured according to the units of MU, with the option to switch between units)
  - detailed information on items specified in lists
  - search engines
- These contain data on MU and its units of the following character:
- profile data (including basic statistics on the number of employees/students), contact data (including locations in Brno and relevant transport services)
  - information on academic bodies (management), including contact data
  - structure (hierarchy of MU units and their locations) with links (contact data of individual locati-

ons, lists of employees including their positions, telephone directories and other lists, publications issued by individual institutions)

- lists of employees with links to their personal pages containing contact and personal data (CVs), information on their academic status and qualifications, employment, study and teaching
- information on accredited study programmes, on the conditions, process and results of entrance examinations, and lists of students enrolled in individual study programmes
- calendars of important events
- competition proceedings and vacant positions
- information on research, development and publishing activities (associate professor and full professor proceedings, works listed in the RIV, research proposals and research projects)
- links to the web servers of individual units (especially to pages containing legal norms and international relations)

## 4. Data for [www.muni.cz](http://www.muni.cz)

The [wwwdata.muni.cz](http://wwwdata.muni.cz) database contains the following data acquired from independent information subsystems of MU:

- *from the personnel and economic subsystem of MU – acquired daily:*  
personal data of all persons registered at MU (including photographs of students), lists of employees, data on the administrative and academic positions of individual employees
- *from the study subsystem of MU – acquired while updating the integrated student registries of the Czech Ministry of Education (to be acquired daily in the future)*  
lists of students by study programme, data related to individual students' course of study
- *from the publishing subsystem of MU – daily:*  
data on MU publications in the RIV list of the Czech Ministry of Education
- *from the faculty user administration subsystems of the MU network – acquired daily*  
email addresses of employees (Faculty of Arts, Faculty of Informatics, Faculty of Medicine, MU Rector's Office, and Halls of Residence and Refectory Administration) and students (Faculty of Arts, Faculty of Informatics, School of Social Studies, Faculty of Medicine, Faculty of Education and Faculty of Science)

- *from Masaryk University Press – acquired once in six months:*  
data on works published by Masaryk University
- *The Unified System of Personnel and Economic Management* is developed and maintained by the Institute of Computer Science. The *Information System for Study and Publishing Activities at MU* is developed and maintained by the Centre of Computer Technology at the Faculty of Informatics.

The wwwdata.muni.cz database primarily contains:

- general and contact information on MU units and their components (profile information on the units, the addresses of units and their departments including the relevant transport services, telephone and fax numbers, e-mail addresses, Czech and English URLs of the local web pages)
- information on the academic bodies of the University (lists of members of the Academic Senates and Academic Councils of MU and its faculties, members of the MU Board of Directors and the Disciplinary Committee, contact data related to academic positions – telephone/fax numbers, email addresses, office addresses and numbers)
- information on entrance examinations at MU – descriptive information on entrance regulations, on-line information on acceptance/non-acceptance, statistics of the results of these proceedings
- personal contact addresses of employees and students (telephone/fax numbers, e-mail addresses, office addresses and numbers, the URLs of personal web pages)
- a register of associate professor and full professor proceedings at MU (list of accredited fields of study, detailed information on the proceedings and their results – systematic information provided since the end of 1998)
- a register of research activities undertaken at MU – research proposals (their identification, scope, department, researchers and annotations) and research projects undertaken at MU (their identification, scope, programmes, researchers, partners and annotations)
- lists of accredited study programmes at MU (their detailed characteristics and division into fields of study)
- calendars of important events held at MU (detailed information on dates and places, annotations of subject matter, links to organizers and responsible persons including their contact data, and data for publication in the calendars of individual units of MU)
- data on competition proceedings (detailed information on the conditions and procedures thereof)

The data from wwwdata is presented via regularly generated pages of statistics placed on the www.muni.cz server, and via the output generated from wwwdata

on-line. In justifiable cases (of a limited scope), there are direct links on the www.muni.cz pages that refer to the web pages of the Information System for Study and Publishing Activities at MU is.muni.cz; www.muni.cz pages may be generated on-line from the is.muni.cz database (links to CVs, teaching programmes and lists of publications on personal web pages).

The administration of www.muni.cz within wwwdata is supported by data and applications for the following purposes:

- to publish lists of responsible persons
- to administer the users of the editor
- to register the changes of passwords into the editor
- to administer access rights to the applications
- to generate the statistics and graphs of the use of the server
- to provide information on the server and its new features

## 5. Developments in 1999

In 1999, the www.muni.cz/wwwdata.muni.cz system was expanded to include:

- *profile and contact information:*  
statistics on the number of employees and students, information on transport services in Brno
- *information on academic bodies:*  
lists of members of the Disciplinary Committee and the Board of Directors of MU
- *information on MU studies:*  
results of entrance examinations, a list of accredited study programmes and fields of study at MU
- *information on competition proceedings and vacant positions*
- *information on research and development and publishing activities:*  
a list of the publications of individual departments stated in the RIV, information on associate professor and full professor proceedings, information on research projects undertaken at MU
- *other institutions of MU:*  
the web pages of the MU Halls of Residence and Refectories
- *pages containing information on www.muni.cz:*  
a description of the scope and contents of the presentation, URL links and scripts, statistics of the number of visitors to the server wwwdata.muni.cz, the lists of responsible persons

The following data transfers were carried out or automated:

- data from the new personal database of MU including a new system for the numbering of departments (and the publishing of that system) was acquired

- daily updates of the e-mail addresses of the employees of the Faculty of Medicine, Faculty of Arts, MU Rector's Office and Halls of Residence and Refectories Administration were automated
- daily updates of RIV publications from is.muni.cz were automated
- results of entrance examinations in 1999 were made accessible and the relevant statistics published
- information on employment and study was integrated into personal pages, including references to teaching activities and academic qualifications; searches of people at MU were unified
- lists of students were updated according to the new structure of study programmes at MU, information on students to be eventually updated from the central student registry of MU
- the editing of the calendar of events was expanded to include the MS Word format for printed versions of the calendar

## 6. Users

In 1999, external users (visitors) made 765,000 accesses to [www.muni.cz/wwwdata.muni.cz](http://www.muni.cz/wwwdata.muni.cz) (428,000 from within MU, 337,000 from outside). The number of IP addresses was 26,500 (2,200 at MU, 24,300 outside MU). The percentage of accessing the server according to the number of IP addresses from different domains was: cz... 65 %, net... 9 %, com... 7 %, sk... 4 %, de... 2 %, edu... 2 %, uk... 1.2 %, ca... 0.9 %, at... 0.8 %, nl... 0.8 %, it... 0.7 %, fr... 0.7 %, au... 0.7 %, others... 5.2 %. (one percent represents 265 addresses; in the cz domain, 13 % were from muni.cz). The maximum achieved response of the server [wwwdata.muni.cz](http://wwwdata.muni.cz) was 6,720 requests in one hour.

Internal system users are appointed data administrators from the departments of MU in the [wwwdata.muni.cz](http://wwwdata.muni.cz) database. User names and passwords into the [wwwdata](http://wwwdata) editor are issued on request by the Institute of Computer Science or, within individual departments, they are created and issued by the faculty data administrators. There are 60 persons responsible for the accurateness of the data in the system. Data administration is logged consistently (by the time and identification of the administrator carrying out the change).

## 7. Volume of Data in the System

The overall volume of published data stored in the [wwwdata](http://wwwdata) database grew from 10 MB (as of January 1<sup>st</sup>, 1999) to 50 MB + 50 MB (c. 14,100 photographs) as of December 31<sup>st</sup>, 1999. About 25 MB of data in [wwwdata](http://wwwdata) is updated from primary sources every day.

## 8. Technical Specifications and Performance

The system runs on the main public university-wide server of MU ([www.muni.cz](http://www.muni.cz)) and the dedicated data-

base-application server [wwwdata.muni.cz](http://wwwdata.muni.cz) (a personal computer with a Pentium Pro 200 processor, 128 MB memory and 2 GB disk, running on the operation system Windows NT 4.0 and the database system MS SQL Server 7.0). As far as its hardware, software and performance (the speed of reply) are concerned, the system is very stable.

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**The Librarian Information Centre** of Masaryk University (a part of the Institute of Computer Science) coordinated further technical development of the libraries at the University and the building of the foundations of digital libraries. Among others, the Centre provided the following services: it administered the university-wide library catalogue, purchased professional sources of information on CD-ROMs and secured effective access to them within the university-wide computer network, expanded the scope of services of the virtual library <http://www.muni.cz/library>, coordinated the administration of the *Current Contents Connect* cooperative server for Charles University in Prague, Masaryk University in Brno and Palacký University in Olomouc, and finally worked on the inclusion of MU into the related *Web of Science* project. As main grant-project researcher, it finished and defended three major grant projects. It made significant contributions to the three-year MOLIN (Moravian Library Information Network) project sponsored by the Mellon Foundation.

Like other schools of higher education, MU runs a number of services necessary for the management of the school, among which the Information System (headed by Ing. Brandejs) should be mentioned, as well as the economic and accounting data processing system, which provides instant access to information according to access rights, easy book-keeping inspections and economic assessment of individual departments as well as events.

### - **Accessibility of Information Sources at the University**

Given the fact that all departments of MU are interconnected by means of a reliable computer network, all information is readily available to everyone according to their access rights. A large volume of information is available to the public on the Internet.

### - **Use of External and Internal Information Systems**

The information systems of the school are put to considerable everyday use (cf. paragraph 6 'Users')

### - **Involvement in the European High-speed Networks Project**

Through the CESNET z.s.p.o. association, MU employees take an active part in the QUANTUM project involving the building of the TEN-155 pan-European

network and the testing of new technologies, products and services (QUANTUM Test Programme). Based on the programme of co-operation between CESNET and the Internet2 Project in the USA, the employees of MU took part in work utilizing the latest technologies. At the end of 1999, a new connection between MU and Prague with a capacity of 2.4 Gb per second (with the relevant network elements) was put to test use.

- **Computer Technology at the University**

**Computer Network of MU**

MU runs the main connection point of the TEN-155 network to the Brno Academic Computer Network (BAPS).

**Number of Computers at MU**

	<b>FEA</b>	<b>FA</b>	<b>FI</b>	<b>ScSS</b>	<b>FM</b>	<b>FE</b>	<b>FL</b>	<b>P F</b>	<b>ICS</b>	<b>RO.</b>	<b>USKM</b>	<b>Total</b>
<b>a1</b> PC-Intel	197	330	179	120	349	260	125	595	59	128	48	<b>2,390</b>
<b>a2</b> workstations	0	0	70	0	0	0	0	29	13	4	0	<b>116</b>
<b>a3</b> servers	8	4	26	3	2	7	2	19	22	3	4	<b>100</b>
<b>a4</b> others	0	1	2	1	4	2	0	5	22	1	4	<b>42</b>
<b>total</b>	<b>205</b>	<b>335</b>	<b>277</b>	<b>124</b>	<b>355</b>	<b>269</b>	<b>127</b>	<b>648</b>	<b>116</b>	<b>136</b>	<b>56</b>	<b>2,648</b>
Number of PCs on the Network	197	313	179	98	200	247	125	610	52	107	22	2,150

**Important Servers in the MU Network Administered by the Institute of Computer Science**

SGI Origin 2000 –supercomputer  
 SGI InfiniteReality 2 Onyx 2 –graphics supercomputer  
 Sun Enterprise 450 – server of the economic and personnel part of the MU Information System

In co-operation with VUT (Technical University), it administers 45 km of optical cables that form the basis of a metropolitan spine connecting the institutions of the Brno schools of higher education and the Academy of Sciences. To further improve the BAPS, the optical cable network was substantially extended, mainly due to the cable installed to connect the MU Bohunice campus. The existing cable capacity was increased in the most needed sections and the topology of the design was altered to include closed circuits which increase the reliability of the system. There was an increase in the number of active ATM elements purchased with funds obtained from grants and the school's own resources. In view of the rising costs and inadequate capacity of commuted connections, several distant departments were connected to the University network by means of microwave links.

Sun Enterprise 450 – server of the distributed file system and the high-capacity backup system  
 SunServer 1000 – server of the network services of the MU Network (www, ftp, etc.) and of the Librarian Information System  
 Dell Power Edge 4100/200 – CD ROM server  
 Dell Power Edge 2300 – server for distant access to applications running under Windows  
 Sun UltraSparc 1 – main server of the electronic mail of MU

# INTERNATIONAL INSTITUTE FOR POLITICAL STUDIES

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As in previous years, the activities of the Institute for Political Studies focused on the organizing of seminars and conferences, the publishing of periodical journals and professional publications and the implementation of academic research projects.

At the beginning of April, the Institute held an international seminar on the subject of "Regions in the Czech Republic in Cross-border Co-operation". This successful event was accompanied by two conferences on the readiness of the Czech Republic and its neighbours for entering the European integration process. At the beginning of May, the first conference on this subject titled "The Czech Republic and Its Neighbours in the Process of Integration I" was held, at which representatives of Czech embassies in Germany and Austria discussed joint issues with their opposites in the Czech Republic. The second cycle of lectures was held at the end of May, and focused on international relations between the Slovak Republic and Poland. Czech Ambassadors and their representatives in both countries and Slovak and Polish Ambassadors in the Czech Republic gave lectures on connected issues.

In the second half of October, the International Institute for Political Studies held an international conference on "Nationalist Political Parties in Europe". The interest of the academic and general public in the conference was great, and during individual seminars participants had the opportunity to discuss issues connected to nationalism and its manifestations today in Spain, France, Germany, Austria, Great Britain, the Czech and Slovak Republics, Poland, Belorussia and Ukraine. In November, the Institute welcomed participants to the conference "Current Changes in the Czech Constitution". Papers were given by prominent experts in the field of legislative, executive and legal authorities specializing in the subject of the Czech

constitution and its improvement. The conference was accompanied by two international seminars on "Minority Politics in Post-communist Countries" and "Central Europe in Transformation". The seminars focused on the comparison of a majority society with a minority society in post-communist countries.

The Institute continued to publish the quarterly journal *Politický časopis (Journal of Political Science)* and the bimonthly monitoring journal *Politika v České republice (Politics in the Czech Republic)*. It also issues a new quarterly Internet journal titled *Středoevropské politické studie (Central European Studies in Political Studies)*, in which individual articles are kept in their original language (Czech, English, German).

Along with regular periodicals, the Institute started the publishing of publications in two editorial lines: studies and monographs.

Studies: V. Šimíček (ed.): *Constitutional Justice in Selected Post-communist Countries*

M. Strmiska (ed.): *Post-communist Party Systems and Political Plurality*

Monographs: M. Pitrová: *The Institutional Structure of the European Union*

The Institute also published collections of proceedings:

B. Dančák, P. Fiala, (ed.): *Nationalist Political Parties in Europe*

B. Dančák, V. Šimíček (ed.): *The Topical Relevance of Changes in the Constitution of the Czech Republic*

B. Dančák (ed.): *The Baltic Region in the Transformation Process: the Political Development of Estonia, Lithuania and Latvia*

J. Hanuš (ed.): *Religiousness in a Period of Social Change*

# INSTITUTE OF STRATEGIC STUDIES

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At the beginning of 1999, the Institute of Strategic Studies was established at Masaryk University. Based on the founding documents, the Institute is a university-wide, professional and training centre, which participates in MU's educational activities. The main task of the Institute is the processing of review and prognostic materials in the field of politics, sociology, social psychology, demography, economics, ecology, military, inferior and exterior safety and legislation of the Czech Republic and its neighbouring countries. The Institute implements the following activities:

- academic, research and development work including publication activities
- projects based on individual grants
- processing of overviews and prognostic materials based on individual orders
- solving of problems in co-operation with the School of Social Studies and other MU faculties, Military Academy and other institutions
- post-graduate studies
- holding of educational courses
- holding of conferences and seminars

The Rector appointed as Director of the Institute, Prof. Dr. Eduard Schmidt, who – based on the selection proceedings – appointed as the Institute's Head Mgr. Ivo Lukáš. At the same time, the Academic Council of the Institute was appointed.

The Institute has established contacts with partner institutions abroad. Together with the University of Dresden and Jagellon University (Krakow), it takes part in the Central European Forum for Security and Co-operation project. In the framework of this project, a conference was held in Dresden in May 1999, in which the Institute participated. Financing of

this project is provided by the Institute itself; the project is also supported by the US Embassy. The Institute puts great stress on the establishing of close contacts with King's College, London, co-operation initiated at a meeting of the Czech Minister of Defence, Mr. Vetchý, with the British Minister of Defence, Mr. Robertson.

In the middle of the year 1999, the Institute published the first issue of a journal titled *Analýzy & Studie (Analysis & Studies)*. It analyses international politics, focuses on the subject of inferior defence, and publishes materials relevant for academics with an interest in Czech foreign policy and international politics with regard to the development of the Czech Republic. The journal also publishes various analysis and translations, and processes important documents from abroad. The journal strives to present the work of the Institute to the general public, and find professionals operating in this field. In 1999, three issues (preliminary, first and second) were published, next year ten issues are planned.

The Institute has its own www pages, which provide information concerning the Institute, various news stories and summaries of articles published in the journal, all in Czech and English versions.

At the end of November, the Institute of Strategic Studies together with the Deans and Vice-deans of MU faculties, held a seminar on the creation of an inventory of priority subjects, which will serve for the preparation of a long-term plan for the Institute.

With regard to its wide range of activities, the Institute pays due attention to the acquiring of additional funds and support from outside the University. Results of these activities will be known in the next year.

# MASARYK UNIVERSITY INFORMATION SYSTEM IN 1999

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The development of the Masaryk University Information System (is.muni.cz) began in December 1998. The first applications for test runs were available to a limited number of users in January 1999. Officially, the Information System came into operation on 1<sup>st</sup> March, 1999. At the start of the system, applications for the collection of data on publishing activities, CVs and the Subject Catalogue were made available. Since then, the main priority has been to develop applications for registration on courses of study.

Initial usernames and passwords were issued to students, together with a temporary student card, on 1<sup>st</sup> March, 1999. MU employees obtained their usernames and passwords from the faculty network administrators.

By 31<sup>st</sup> December, 1999, after it had been in operation for less than one year, the Information System had 11,972 users actively working with it. There are 21,899 persons with issued usernames and passwords, and a total of 44,738 persons are registered on the system.

Until 22<sup>nd</sup> May, 1999, the system ran on a two-processor Sun Microsystems Ultra 2 workstation with 128 MB RAM. At the moment, the system runs on a Sun Microsystems Ultra 450 server with four processors, 2 GB RAM and 32 GB of disk memory. We expect this equipment to be sufficient for the running of the system in the year 2000.

A higher working load is expected in the following year (2001), and it will therefore be necessary to expand the system by one more server.

## Summary Specifications

- Number of accesses made up to 31<sup>st</sup> December, 1999: 3, 707, 045
- Maximum achieved response of the server: 5, 670 requests made in one hour
- Overall volume of administered data: 3.2 GB (plus photographs of the users: 240 MB)
- Number of scripts (individual programmes) of the systems: 303
- Number of types of registered data: c. 1,500 (contained in 240 database tables and approx. 30 categories)
- Number of publishing records: 200,000 (of which 16,000 were made for the RIV)
- Number of records related to study subjects (autumn 1999 and spring 2000): 6,230 and 5,842 respectively
- Number of queries answered on the contact address: c. 250

- Length of time for which the server was not accessible: c. five hours

## List of Currently Running Applications

Different groups of users make use of a number of applications, access them from different access points and have different access rights (e.g. for viewing or editing); therefore, the following categories are only auxiliary.

## Subject Catalogue:

- editing and viewing basic information on a subject
- editing and viewing additional information on a subject
- working with the calendar of events of a given time period
- mass handling of the contents of a time period
- survey of time periods
- editing and survey of types of subject completion and evaluation
- extract from the list of subjects (can be configured)
- extract from information on a subject
- definition of specific attributes of subjects
- issuing and viewing of attributes

## Teacher's Notebook:

- list of students
- thumbnail of students' photographs
- sending a letter to students
- entering evaluations
- exporting/importing evaluations
- survey of the completion of evaluations
- printing the Subject Conclusion Report
- history of evaluation changes
- working with examination dates
- review of conflicting examination dates of my students
- issue of exemptions from/permission to enrol
- editing the list of teachers
- editing more than one subject simultaneously
- configuring the notebook: various parameters and limitations of the student list

### **My Course of Study:**

- registered subjects and grades attained
- examination dates and registrations
- e-mailing of evaluation changes
- registration of and enrolment in subjects
  - review of templates for choice of subjects
  - history of changes to my specifications for registration and enrolment
  - registration of subjects
  - applications for exemptions from subject enrolment
- registration and enrolment statistics
- applying for accommodation at Halls of Residence
- checking the data for my student card
- information on student cards

### **Personnel Agenda:**

- personal data handling (for authorised workers)
- new personal card
- checking and updating of my data
- processing requests to change personal data
- statistics for checking of data
- review of my holiday
- searches for persons at MU
- personal web pages of the ISMU user
- editing of presented data

### **Study Register:**

- registering the course of study of individual students
- mass entering of data on the course of study of a specific subject/period
- individual student's subject enrolment and evaluation
- mass handling of subject enrolment or registration
- register of students' final dissertation works
- mass selection of students according to my own criteria
- working with the list of students
- printing my own lists and surveys
- printing subjects enrolled in
- printing matriculation certificates
- sending group e-mail messages
- foreign student enrolment processing
- statistics on inter-faculty studies
- registering a person from a different faculty (or not belonging to any)
- data checking for the national student register
- data output for the health insurance company

### **Research & Development**

- CV register
  - completing my CV form
  - printing, exporting and publishing my CV

- survey of existing CVs and related searches
- publishing activity register
  - review of publications by MU staff or students
  - review of publications sorted by MU departments
  - review of RIV list sorted by department, person or year
  - registering and publishing my own publications
  - exporting and printing lists of publications

### **Contacts and Presentations:**

- mailbox
- search of addresses of MU employees and students
- subject search of information contained in the ISMU
- display of data in the databases of ISMU
- review of study programmes, fields of study and subjects studied at MU

### **Operating Procedures:**

- change of access password and username
- mass issuing of passwords to students
- administration of access rights
- change of external redirection of mail
- information on issued microchip card
- length of my log-on to ISMU
- charts on the use of ISMU
- printing subsystem
- test of correct Czech diacritics
- survey of work loads as planned
- news and FAQs

### **Communication Support at MU**

Besides direct access through a web browser it is very important to support the sending of messages that the recipient can read later (in the off-line mode of communication). A part of the system is the e-mail server [mail.muni.cz](mailto:mail.muni.cz), which provides each user with a guaranteed mailbox accessible through a web interface. Users can redirect their mail to any other address. E-mail is the standard form of communication in the applications between the student and the study department as well as in the Teacher's Notebook. Mass mailings to students are possible.

### **Fundamentals of the System and First Experience**

#### *Register of All Persons at the University*

Unlike with all previous systems, it was possible to remove 350 duplicit entries; the ambiguous birth registration number identification was removed



### *Accessing the System from the Internet*

About 20 percent of accesses were made from networks outside MU. Mass complex operations (course registrations at the large faculties) amounted to 90 percent.

### *Authentication and Encryption of Data Transfers*

The user logs on the system by identifying himself/herself with his/her username (učo) and password. The consistent display of the identity of the person who made the last data edits as well as the time of the edit has been highly appreciated. Only non-trivial access passwords are allowed. One case of the stealing of a password and ensuing misuse of a personal mailbox has been revealed and due disciplinary action has been taken.

### *Enabling a Large Number of Users to Check and Update Data*

All users were permitted to view information about themselves as well as request changes thereto electronically in the following mass operations: collecting information on publishing, filling in CVs, filling in the Subject Catalogue and supplementary information from the teacher, purifying the data relevant to the Student Card and especially the Student Register (updating of personal data) and registration of courses for autumn 1999 and spring 2000

### *Modularity and Variability*

The system enables the Faculties to explicitly differentiate between the levels of access of different users: the system of access rights now registers about 30 different rights. Other large areas where conflicting demands have to be reconciled are course descriptions and the relations between subjects, semestral time-schedules and the demands made for the registering and checking of study programmes for the various sets of Study Regulations. A general instrument of the description of the individual subjects and specialisations are the attributes. The Faculties have defined almost 800 subject attributes.

### *Accessibility of All Registered Data*

The system allows the user to access all personal information registered by the system, in accordance with Law 256/1992. Efforts have been made to make the ISMU as transparent as possible in order to minimali

ze the necessity of obtaining the relevant information directly from the administration staff of the University. The ISMU acquires (and makes accessible) some data from the Unified System of the Personnel Agenda of MU.

### *Support for External Agendas*

The system enables individual faculties to acquire data for their internal uses and purposes, either by means of the Presenter, which generates data in various formats (based on the XML input) or via direct access to the database. The priority is to make data accessible according to the access authorisation of the user.

### *System Stability and Performance*

The system is very stable as far as its hardware and software are concerned. Its performance is sufficient when running on standard load. When the working load is extreme (registration of hundreds of students on courses), the system slows down considerably. This problem is being addressed by optimizing individual applications.

### **Conclusion**

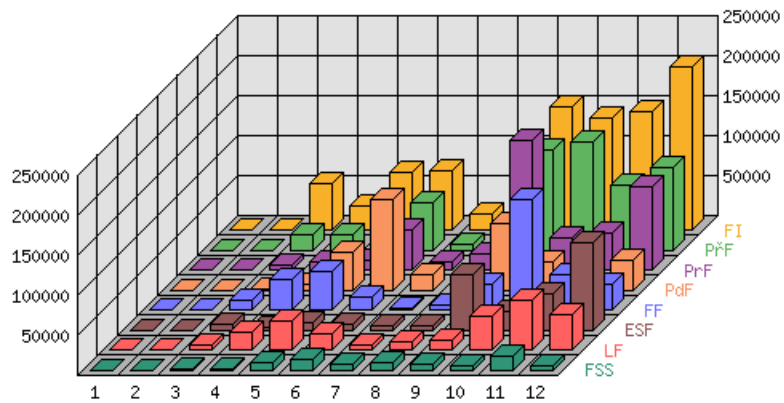
Experience from the ten months of operation shows that the system in its present stage of development provides users with quick access to data that they need for their work or studies. The developers of the system are able to accommodate many requests for expanding or minor changes in a matter of hours. There are, of course, requests whose inner logic leads to interventions into the system of a larger scale, and the time needed to address these is much longer. The developers are open to suggestions from the user public.

The web environment of the server allows anyone to access the system without the necessity of installing special client software. Users can therefore use different computers to those in faculty computer labs.

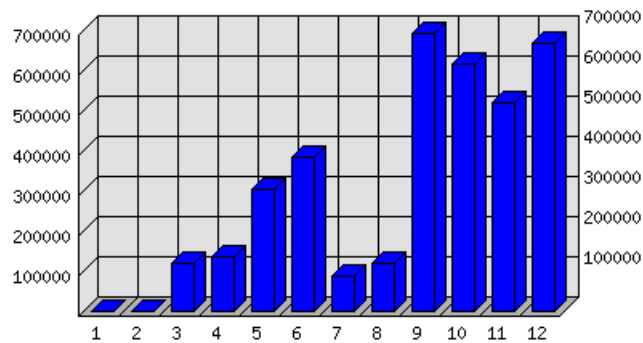
The main problem is the performance of the system, both subjective (a slow network connection gives the user an impression of overall sluggishness of the system) and objective, especially under extreme working loads. The performance of the system is closely monitored and its response is constantly improved.

### Graph of Use of the Information System in 1999

Months of the year are shown horizontally, the number of opened pages at is.muni.cz in the corresponding month are shown vertically. Only authorized accesses are displayed, sorted by faculty:



### Overall Number of Authorized Accesses Sorted by Month



# **FACULTIES OF MASARYK UNIVERSITY**

# FACULTY OF LAW

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Assoc. Prof. Dr. Naděžda Rozehnalová

Assoc. Prof. Dr. Josef Fiala

Assoc. Prof. Dr. Vladimír Týč

## **President of the Academic Senate:**

Dr. Dana Hrabcová (Jan 1<sup>st</sup> – March 31<sup>st</sup>)

Dr. Petr Mrkývka (Apr 1<sup>st</sup> – Oct 10<sup>th</sup>)

Dr. Michaela Židlická – deputy president (since Nov 11<sup>th</sup> 1999)

## **Bursar:**

Ing. Oldřich Zejda

In 1998, as in previous years, the quality of teaching rose steadily, and an emphasis was put on international co-operation.

Significant progress was made in the long-term conceptual reform of legal studies, which started three years ago. In the autumn of 1998, the final version of the new curriculum was finished. The trend towards stricter academic standards for final-year dissertations continued, and the quality of these increased significantly. Several new subjects were introduced in 1999, to accommodate the public demand. A number of subjects were taught by professors from foreign universities; the Jan Hus Educational Foundation is a constant source of help in the introduction of the more difficult of these.

Teaching in English continued, in the first subject integrating both the specialist and linguistic aspects of the discipline (international refugee law). The third year of the regular semester series of lectures delivered by professors at the faculties of law in Paris was completed successfully. The lectures were translated into Czech.

A detailed conception of the teaching of ten different subjects in foreign languages was developed and will be introduced next academic year.

The specialised three-year *Bc.* (bachelor's) course in real-estate law and the theory and practice of the preliminary criminal proceedings continued successfully.

In the process of teaching EU law, the Faculty gained the Jean Monnet Chair from the European Commission.

At the moment, there are 2,364 *Mgr.* (master's) students studying at the faculty (of which, 196 are foreign) and 173 *Bc.* students.

There are 99 students studying for doctor's degrees (two of whom are full-time students from abroad). The trend towards the substantial raising of academic standards in this form of study continued.

Scholarly research continued and eight grant projects were completed. Teachers at the Faculty published the results of their research in six monographs (published in this country only). Altogether 176 scholarly articles appeared, including those published in almanacs, of which 19 appeared in foreign journals.

Both faculty yearbooks (*Orbis Iuris Romani* and the *Yearbook of European Law*) continued to be published, as was the case with the legal scholarly journal. Teachers at the Faculty gained new qualifications through their scholarly research, and two of them de-

fended their associate-professor dissertations successfully.

Three new research assistants completed their postgraduate courses and acquired Ph.D. degrees.

The theoretical results of scholarly work continue to be put into practice, for the most part through commissions from state institutions. Teachers at the Faculty also provide assistance in the legislative work done by constitutional legislative institutions. A number of public lectures were held, intended both for experts in the field and the general public. Several professors of the Faculty took part in the Czech-French Course in European Administration, organized by the University of Rennes.

Last year, 24 textbooks were published, albeit in this country only. Some textbooks written by teachers at the Faculty were published in second revised and enlarged editions.

The Faculty of Law of Masaryk University held seven scholarly conferences. Its teachers took part in 31 conferences and seminars, of which 23 took place abroad.

Foreign contacts were further developed, both on scholarly and pedagogical levels. As every year, a group of teachers from John Marshall Law School in Chicago visited, giving lectures and taking part in other events. A discussion with students was also part of this visit.

The Faculty played host to 37 foreign visitors, most of whom delivered a lecture during their visit. New contacts were established, namely with the Faculty of Law of Aix-Marseille (France), and the contacts with Slovak faculties of law were gradually being renewed.

Teachers of the Faculty took part in 47 study trips abroad. The number of students who either took short courses or stayed for longer periods of time at foreign universities fell somewhat (to 22). The Faculty welcomed its first foreign student from the SOCRATES programme. Further increase is expected next year when instruction in foreign languages will be introduced.

To celebrate the 30<sup>th</sup> anniversary of the re-establishing and the 80<sup>th</sup> anniversary of the founding of the Faculty of Law of Masaryk University, an international conference entitled *The Teaching of Law in the 21<sup>st</sup> Century* was held. On this occasion, forty-nine teachers of the Faculty and other leading figures from outside the Faculty were awarded a memorial medal.

# FACULTY OF MEDICINE

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Prof. Dr. Nataša Honzíková

Prof. Dr. Libor Páč

Assoc. Prof. Dr. Eva Táborská

Assoc. Prof. Dr. Jiří Vítovec

**President of the Academic Senate:**

Assoc. Prof. Dr. Jindřich Vomela

**Bursar:**

Ing. Jiří Krška

In 1999, the accreditation of the Faculty of Medicine was completed. The results of the accreditation are favourable and include the accreditation of post-graduate studies as well as that of proceedings to confer the degrees of associate professor or full professor.

There have been changes in the organizational structure of the Faculty. Two new departments were established: the University Oncological Centre (UOC), coordinating all those interested in oncology in the South Moravian Region, and the Clinic of Geriatrics, Nursing and Family Medicine, conforming to the present needs of the ageing population.

As a result of further restitutions of property to original owners, it was necessary to move both the Stomatological Clinics to new premises. The characters of the two clinics were differentiated and thus they will be used more effectively in the future. The Clinic of Oral, Mandibular and Facial Surgery (KÚČOCH) has been located since November 1999 in recently reconstructed premises in the Teaching Hospital at Bohunice (FNB). The stomatological clinic will be located in St. Anne's Teaching Hospital, where relevant reconstruction work is now underway; the estimated time of the relocation of this clinic is spring 2000.

The main priorities in scientific research activities were in the field of neurological science, cardiology, the study of questions related to civilisation illnesses, and oncology. The research projects in these fields received the largest support and were based on a combination of approaches involving both primary and clinical research. The high intensity of research is apparent from the overall number of publications both in the Czech and foreign press as well as from the number of monographies and teaching texts produced. In 1999, the Grant Agency of the Czech Republic awarded nine grants to research workers at the MU Faculty of Medicine (two of which required joint co-operation with other institutions); the Internal Grant Agency awarded 49 grants (five of which were in co-operation with other institutions). In line with tradition, Faculty members took part in research projects organized by the Higher Education Development Fund. These included 11 research projects. The overall number of research projects was 79 (including four research plans and one related to the Higher Education Research Intensification Project).

Changes towards the greater vertical flexibility of studies continued to be endorsed, in keeping with European trends. A new catalogue of subjects taught at the Faculty of Medicine was included in the university-wide information system.

Clinical pharmacology was included among the clinical subjects (as an elective) in the study programme of general medicine; the chance to take a one-week internship at a different clinic of internal medicine was included in the pre-graduation practical training of internal medicine.

Apart from the traditional study of medical science, *Bc.* (Bachelor's) courses of study were pur-

sued at the Faculty of Medicine, including physiotherapy, optics and optometry, human nutrition, and nursing.

The Rules of Study were reworked (including regulations concerning the accepting of new students, disciplinary rules, as well as study and scholarship regulations) so that they might conform to Law No. 111 on Schools of Higher Education.

The system of teacher evaluation, whereby students assess the quality of teaching by means of surveys of opinion taken at the end of a particular course, was continued. The results of these surveys were presented at the regular meetings of the Dean's Advisory Board, while possible conclusions were discussed with the Heads of Departments.

New student cards and student nametags were introduced.

Scholarships for excellent results (an average mark of 1.0 throughout the course of study) were awarded to three students on the occasion of their graduation: Radek Kroupa, Jolana Müllerová and Jitka Vršková.

The number of beds at the halls of residence available to medical students continues to be inadequate. To accommodate all students in their first to sixth year, only 336 beds were made available to the Faculty of Medicine, while the overall number of applications reached 713. For the allocation of beds at the halls of residence, a waiting list was strictly adhered to, its most important criteria being the study results and the social background of the applicant as well as the distance to his or her permanent address.

The Faculty continued to meet the standards of international co-operation as stipulated in 12 agreements signed with four institutions from the USA and various European countries. Our teachers went on 363 study trips abroad (304 in Europe and 59 overseas). Fifty-seven percent of these involved active participation at conferences and six percent were fellowships. The other cases included professional trips for partnership co-operation, lecture series given abroad, various courses and training programmes, and trips to present critical reviews.

Teachers at the Faculty of Medicine are members of approximately one hundred international scientific societies and non-governmental organizations. They are committee members in 13 international scientific organizations and honorary members of nine international scientific organizations.

During the summer vacation, our undergraduate students had a chance to enter temporary employment in foreign hospitals. Ten students took part in summer working trips, in line with agreements made with the University of Dijon, France. The Faculty provided some financial support to 15 students travelling abroad. This assistance was mediated by the international student organization IFMSA, while one student was given assistance by the W.I.S.E. Foundation.

The teachers of the Faculty published a large number of articles in the Czech as well as foreign press. The very names of the periodicals attest to the high

academic standard of these works. In the Czech press, altogether 967 articles were published, while in foreign periodicals, 266 articles appeared. Eighteen monographs and 47 teaching texts were published. The Faculty of Medicine continues to publish its journal *Scripta Medica*, where original scientific works are published in English. The journal is excerpted. Four original scientific monographs were published in the edition entitled 'Acta Facultatis Medicae', and the new 'Edition of Continuous Education in Medicine' was started, already comprising three titles.

In 1999, the following Faculty members received awards from MU:

- Prof. Dr. Jindřich Lokaj – Gold Medal of MU Brno
- Prof. Dr. Drahomír Horký – Memorial Medal of MU Brno
- Assoc. Prof. Vladimír Smrčka – Memorial Medal of the Faculty of Medicine, MU Brno

The following Faculty members received national and international awards:

- Prof. Dr. Milan Dokládál – Medal of the Ministry of Education for Lifetime Achievement in Pedagogical and Research Activities
- Prof. Dr. Karel Dvořák – First-Class Medal of the Ministry of Education for Lifetime Achievement in Pedagogical and Research Activities
- Prof. Dr. Martina Kulketová – Certificate of Appreciation from the FDI World Dental Congress in Mexico City
- Prof. Dr. Otto Vlach – Prize for Lifetime Contribution to the Development of Spinal Surgery

The following Faculty members were awarded honorary membership of professional societies:

- Prof. Dr. Jiří Vorlíček – honorary member of the Slovak Haematological and Transfusiological Society and the Slovak Chemotherapeutic Society
- Prof. Dr. Petr Dítě – honorary member of the Hungarian Gastroenterological Society and the Polish Society for Internal Medicine
- Prof. Dr. Pavel Kamarýt – honorary member of the ČKS
- Assoc. Prof. Jiří Vaněk – Diploma of the ČLS and the ČSS for Major Contributions to the Development of Medical Science and honorary membership of the ČLS
- Dr. Zdeněk Vlašín – honorary member of the English Dermatological Society (Dowling Club) and the Czech Dermatological Society JEP
- Prof. Dr. Květoslav Šipr – honorary member of the Czech Geriatric and Gerontological Society
- Assoc. Prof. Dr. Jaroslav Procházka – honorary member of the Czech Radiological Society and the Slovak Radiological Society

Distinctions for publishing activities were conferred on the following Faculty members:

- Prof. Dr. Jiří Vorlíček – Rector's Prize for the book 'Palliative Medicine', Grada Publishing, Prague, 1998
- Team of authors J. Vorlíček, Z. Adam et al. – Prize of the Grada Publishing House for best book of the year – 'Palliative Medicine'
- Team of authors P. Klener, J. Vorlíček et al. – Prize of the Board of Representatives of the ČLS JEP (Czech Medical Society of J. E. Purkyně) for the book 'Supportive Treatment in Oncology'
- Assoc. Prof. Dr. Petr Dubový – Prize of the Czech Society of Neurological Science for works published in 1998
- Dr. Petr Kaňkovský – Prize of the Czech Neurological Society (Henner Prize) for the best work in the field of neurology published in a Czech journal
- Dr. Petr Husa – Prof. P. Ježek Prize awarded by the Czech Hepatological Society of the ČLS JEP for work published by a team
- Assoc. Prof. Dr. Dalibor Pacík – third prize for the best work published in the journal 'Czech Urology'
- The Prize of the Dr. P. Jansen Foundation was awarded to the following Faculty members:
  - Assoc. Prof. Dr. Jiří Mayer et al. – for best scientific work of 1998
  - Assoc. Prof. Zdeněk Adam – Heřmanský Prize in the field of Haematology for the book 'Haematological Diseases of Low Level of Malignity'
  - Assoc. Prof. Dr. Josef Bednařík – Haškovec Prize for the best scientific work in the field of neurology
  - Prof. Dr. Jaromír Švestka – Janssen-Cilag Foundation Award for his work 'SSRI – First Line Treatment Drugs'

Prizes conferred by international congresses were awarded to the following Faculty members:

- Dr. Tomáš Kára – Young Investigator Travel Grant Award of the European Society of Cardiology; Young Investigator Travel Grant Award of the European Society of Hypertension; first prize for best lecture in the 'Heart Rhythm Foundation' (Sixth Czech Symposium of Arrhythmic Disorders and Cardiac Stimulation) under-35s' competition
- Prof. Dr. Ivan Rektor – Poster of the Day Award, 11<sup>th</sup> ICEMGCN
- Assoc. Prof. Dr. Martin Krbec – Prize for the best lecture (International Congress of Spinal Surgery in Ústí nad Labem)



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Prof. Dr. Jiří Gaisler

Prof. Dr. Jaroslav Jonas

**President of the Academic Senate:**

Assoc. Prof. Dr. Josef Janyška

**Bursar:**

Ing. Hana Michlíčková

The Faculty of Science provides courses in various fields of scientific study (physics, chemistry, biology, and the earth sciences), mathematics and anthropology. These fields of study use different methodological principles and methods of research, and are also at different stages of development. This is then reflected in the forms of research and teaching programmes, while the formalization of newly acquired knowledge and its integration into a universal *weltanschauung* also differs widely.

The *Mgr.* (master's) courses of study include seven fields of specialized studies and 14 combined subjects for secondary-school teacher-training programmes.

The number of *Mgr.* examinations passed last year was 264, while the number of *Bc.* (Bachelor's) examinations reached 34.

There are four *Bc.* courses of study at the Faculty of Science that do not continue with a *Mgr.* course: applied physics in astrophysics, medical physics and measuring and testing, applied mathematics and geography, cellular and molecular diagnostics, and geology and museology.

Special attention is paid to post-graduate doctoral study programmes. The Faculty is accredited to award doctor's degrees in 35 fields of study. At the moment, there are 427 doctoral students, of which 233 are regular students (nine of them foreign), and 194 students study part-time (four of these are foreign students). Candidates are expected to present high-quality dissertations and have to publish their articles in major foreign journals, and they are also asked to provide competent teaching assistance. Full-time doctoral students are provided with scholarships and have preferential status in the choice of candidates for room in halls of residence. In 1999, after candidates successfully defended their dissertations and passed doctoral examinations, forty-seven new doctor's degrees were granted, of which one went to a foreign student.

The Dean granted five awards for excellent results which increased the prestige of the Faculty in study and research, publication, organizational activities and sport. Individual sections granted 29 awards. Three students were awarded a prize for exceptional study results (with an average mark of 1.0). The Rector's Prize for the best *Mgr.* students was awarded to Zdeněk Dolníček for excellent study results and an original final-year thesis. The Rector's Prize for the best DSP students was awarded to *Mgr.* Roman Hilscher in the field of mathematical analysis, *Mgr.* Eva Jadrná in the field of organic chemistry, and *Mgr.* Roman Panůček in the field of molecular and cellular biology.

Teachers and scientists of the Faculty of Science were involved in 71 grant projects initiated by the Grant Agency of the Czech Republic (GAČR), 27 grants awarded by the Higher Education Development Fund, ten grants from the Ministry of Education, and five from other sources including the Academy of Sciences. There were 25 foreign grants, of which 19 came from the EU. Four applicants from the Faculty

were successful in a competition organized by the Grant Agency of the Czech Republic for grants awarded to post-doctoral students (Post-Doc). The overall financial value of Czech grants was 32.5 million crowns, that of foreign grants ca. 2.7 million. Eleven research projects proposed by the Ministry of Education are underway.

Teachers and scientists published 13 monographs last year, four of which appeared abroad. There were 272 scientific articles published in excerpted journals, of which 211 appeared abroad.

The Third Garden Party took place in the greenhouses of the Botanical Garden. This gala event launched a book entitled *Man and Glass in the Botanical Garden of the Faculty of Science of Masaryk University* and it was also the opening night of an exhibition of glass statues and artefacts made by Prof. Jaroslav Svoboda. The prestige of this event is attested to by the fact that it had the backing of the Mayor of Brno in addition to that of the Rector. The annual 'Garden Party' is fast becoming a cultural tradition.

The Botanical Garden of the MU Faculty of Science took part in the *Horti Komplex 99* exhibition, for which it received from organizer Flora Olomouc an honorary award for expanding the scientific scope of the exhibition.

The Botanical Garden founded an association called "Friends of the Botanical Garden", whose aim it is to promote co-operation with the public.

Three specialized exhibitions took place on the premises of the Botanical Garden: an exhibition entitled *Brno – Proflora – The World of Flowers, Beauty and Love*, a commercial exhibition of bulbs and succulents, and an exhibition of decorative parrots, European and other exotic birds.

The Ministry of Environment requested the Botanical Garden of the Faculty of Science to take custody of plants confiscated at customs and protected by the Washington Agreement.

A bookshop named "The Small Centre", operating on the premises of the Dean's Office, organized a commercial exhibition of foreign professional literature entitled *Earth, Life & Physical Sciences 1999*.

The building contains the "PF Gallery". Two exhibitions were installed there in 1999: one entitled *Vaňkovka*, exhibiting the works of Ing. Jan Lastomírský (of the Faculty of Visual Arts of the Brno Technical University), and a second exhibiting the drawings, photographs and objects carved in wood of Lukáš Richtera, a fifth-year student of anorganic chemistry at the Faculty of Science.

To commemorate the tenth anniversary of 17<sup>th</sup> November, the management of the MU Faculty of Science held a concert entitled *Concert on the Staircase*. The main protagonists of this event were third-year Janáček Musical Academy students in the field of musical acting (from Jana Janěková's studio). Songs by Suchý, Šlitr, Voskovec and Werich resounded through the premises of the Dean's Office.

On the premises of the Faculty of Science there is a Central Library, operating centralized lending services and featuring a study hall.

The MU Faculty of Science was visited by a number of important foreign guests, among them Dr. Dominique Sotteau (the Attaché for Science and Technology of the French Embassy in the Czech Republic), Nobel-Prize winner for chemistry Prof. Jean-Marie Lehn from Strasbourg University (who delivered a lecture at the International Chemometrical Conference *Chemometrics V*, organized by MU), Dr. Alfred Bader from the USA (an important industrialist and sponsor of artistic and chemical projects), and Prof. Serge Morand of the University of Perpignan (the director of CNRS research at that university).

The departments of the Faculty of Science held a number of conferences, seminars and summer schools, often with international participation. The most important included: *A Working Get-Together of the Mammals Group of the Stage 3 Project*, *Quaternary 99*, the *Borůvka Mathematical Symposium* (a scientific conference organized to commemorate the 100<sup>th</sup> anniversary of the birth of Prof. Otakar Borůvka), *Chemometrics V*, the *International Symposium of the Polar Section of the ČGS* (Czech Geological Society), and *Atmosphere 99*.

Other important events at the Faculty of Science included:

- Jaromír Vaňhara was appointed Professor of Biology
- MU awarded the degrees of Honorary Doctor to Stanislav Vepřek (professor at the Institute of the Chemistry of Anorganic Materials in Munich)

-

- and to Dr. Luboš Perka (emeritus director of the Astronomical Institute of the Academy of Sciences of the Czech Republic)
- Prof. Dr. Jiří Gaisler was awarded the Prize of the City of Brno and the Rector's Prize for Outstanding Achievement
- Masaryk University conferred the following medals in 1999
- Prof. Dr. František Kubíček received the Gold Medal for Lifetime Achievement, on the occasion of his birthday
- Prof. Dr. Miloš Suk received the Silver Medal for Long-term Achievement in Teaching and Research, on the occasion of his birthday
- Prof. Dr. Stanislav Rakusa-Suszczewski received the Silver Medal for the Support of Czech Antarctic Research Programmes, at the Festival of Travel and Cultural Integration in Zlín
- Further medals were awarded to the following Faculty members:
- Gold Medal of the Technical University in Brno to Prof. Dr. Jaroslav Jonas
- Silver Medal of Palacký University in Olomouc to Prof. Dr. Vladimír Vetterla
- Dr. Jiří Fajkus and the team of authors at the Laboratory for the Analysis of Biologically Significant Molecular Assemblies were awarded the 'Talent 98' Prize of the Minister of Education of the Czech Republic
- Prof. Dr. Jan Novotný received the Award for Educational Excellence of the ÚV JČMF (Central Committee of the Union of Czech Mathematicians and Physicists).

# FACULTY OF ARTS

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**Vice-deans:**

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Prof. Dr. Miloš Štědroň

Assoc. Prof. Dr. Jan Zouhar

Dr. Jan Pavlík

**President of the Academic Senate:**

Dr. Thomas Donaldson Sparling, B.A.

**Bursar:**

Ing. Otakar Vaňura

The Faculty of Arts provides courses in philological studies (language and history of more than twenty languages), historical studies (archaeology, archive studies, history, museology and auxiliary historical disciplines), the study of the liberal arts (history of visual arts, drama studies, aesthetics, film studies, musical studies, and classical archaeology) and human and social sciences (ethnology, philosophy, pedagogy, psychology, social pedagogy and counselling, religious studies, and scholarly information and library studies).

In 1999, the Faculty obtained 31 grants worth CZK 9.098 million, of which 16 were provided by the Grant Agency of the Czech Republic (to a value of CZK 1.320 million) and nine came from the Higher Education Development Fund of the Ministry of Education (worth CZK 1.591 million). Teachers of the Faculty of Arts obtained seven small-scale grants, from the Ministry of Education and AKTION.

The departments presented altogether 20 proposals for development projects to the Higher Education Development Fund; nine one-year projects were accepted. The Grant Agency of the Czech Republic was presented with 15 three-year projects in 1999, nine of which were accepted. The Department of Musicology and Aesthetics and the Department of Archaeology and Museology presented research proposals to the Ministry of Education and obtained three-year grants worth CZK 3,290.

Teachers and researchers were actively involved in field committees of grant agencies, where 23 of them worked in 1999; they were also active on committees of professional societies, where 71 of teachers and researchers worked in the Czech Republic and 23 abroad. A number of teachers and researchers (71) work in international commissions and learned societies or as editors in scholarly and professional journals (29). A number of teachers were invited for study trips abroad (altogether 40) or took part in international congresses (13 teachers).

A number of teachers are honorary or full members of important institutions, both in the Czech Republic and abroad. Prof. Jan Firbas is the chairman of honour of the Circle of Modern Philologists of the Czech Republic, Prof. Josef Hladký is the chairman of the Czech Association of English Scholars, Dr. Thomas Donaldson Sparling is the chairman of the Central European Network for Canadian Studies, and Dr. Jitka Vlčková is a member of BASA (the British Association for the Study of Australia). Prof. Richard Jeřábek is an elected representative of the Czech Republic on the board of SIEF (Société Internationale d'Ethnologie et de Folklore), which is a part of UNESCO and is based in Vienna, a member of UISAE (Union Internationale des Sciences Anthropologiques et Ethnologiques), and a foreign member of DGV (Deutsche Gesellschaft für Volkskunde); Prof. Dušan Holý is a member of the Society for Ethnomusicology in the USA; Prof. Antonín Bartoněk is a committee member of CIPEM (Centre International

Permanente des Etudes Mycéénennes) in Paris, the chairman of the Brno branch of the Union of Classical Philologists and an honorary member of the Greek Scholarly Society in the Czech Republic; Assoc. Prof. Lubomír Slaviček is the chairman of the Society for the History of Arts in the Czech Lands and a member of the national committee for the history of arts of CIHA; Prof. Jiří Kroupa is the chairman of the Czech Society for 18<sup>th</sup> Century Studies, itself forming a part of the ISECS international society; and Dr. Milada Rabušicová is a member of the Czech Committee of the World Organization for Pre-school Education (OMEP).

Out of the many scholarly conferences, symposiums, workshops and seminars held by departments of the Faculty in 1999, let us mention the following: the Department of Czech Literature, backed by the Open Society Fund, continued to organize the lecture series entitled *Czech Literature in a Central European Context*, in which leading Czech literary scholars and theoreticians took part; the Department of Czech Language organized a conference entitled *The Czech Language – Universal Features and Specific Traits 2*; the Department of Germanic and Norwegian Studies, in co-operation with the Austrian Institute for Eastern and South-Eastern Europe organized a series of lectures and discussions called *The Brno Encounter*, with the participation of more than 40 students from Brno, Fulda, Mannheim and Vienna, on the subject of the common history and future co-operation of the Czechs, Germans and Austrians; the Department of Archaeology and Museology organized a conference to celebrate the 80<sup>th</sup> anniversary of the founding of MU and to commemorate the 50<sup>th</sup> anniversary of the beginnings of archaeological research in the Znojmo region (an MU initiative) and the 40<sup>th</sup> anniversary of the beginnings of systematic archaeological research of the Slavonic high-ground settlement of Břeclav-Pohansko; the Department of Musicology of the Faculty of Arts held an international musicological colloquium entitled *The Sense (or Non-sense) of the History of 20<sup>th</sup> Century Music* and a conference called *Museums of Music at the End of the 20<sup>th</sup> Century*; the Department of Theatre and Film Studies took part in organizing a symposium entitled *Václav Havel, Playwright*; the Department of Slavonic Studies organized an international scholarly conference called *Alexander Sergeyevitch Pushkin in a European International Context* and the third international Czecho-Slovak symposium entitled *Czech and Slovak Mutuality and Non-Mutuality*; the Department of History of the Faculty of Arts, together with Matice Moravská (the Moravian Society for Popular Education), the Moravian Regional Museum in Brno and the Austrian Institute for Eastern and South-Eastern Europe organized an international conference entitled *The History of Moravia and Matice Moravská: Problems and Prospects*, etc. Special attention is paid to the research work students and younger faculty members: the Department of Classical Studies held a conference of

Ph.D. students in Latin medieval studies and related fields; the Department of History organized at faculty level a student scholarly research conference entitled *History 99*, and the Department of Theatre and Film Studies, in collaboration with the Austrian Institute for Eastern and South-Eastern Europe organized the third symposium of theatre students of theatre entitled *The Contemporary Drama in Crisis?*

The Faculty played host to a number of important Czech and foreign guests, who took part in discussions with students and get-togethers with teachers: the ambassadors of South Africa, the USA, Canada, Norway, Algiers, Switzerland, Mexico and other members of diplomatic corps; the writer and playwright Pavel Kohout; the directors Vojtěch Jasný and Saša Gedeon; the writers Jan Trefulka and Ludvík Kundera; the Minister of Culture Pavel Dostál; Prof. Zdeněk Mathauser (who received the Gold Medal of MU); Dr. Danièle Monmarte from France (director of the National Centre for Scholarly Research of the Theatre and vice-president of the Eastern Europe Solidarity Committee); Prof. François Marès (the director of CEFRES); Prof. Dr. Ewald Kislinger (University of Vienna); Prof. Roderick Beaton (King's College); Prof. Bruno d'Agostino (Istituto Universitario Orientale, Naples); Frank Boldt, Ishmael Reed, Harif Kureishi, and many others.

In 1999, 4,941 people applied to study at the Faculty of Arts in more than 150 combinations of taught subjects. Overall interest in the Faculty's courses therefore remains high. The Faculty widened the range of fields of study it offers: new full time bachelor's courses in Baltic studies, Portuguese studies and social pedagogy and counselling (previously only possible in combined studies) were opened, as well as full-time master's courses in general linguistics and scholarly information and library studies (previously only possible in combined studies). In recent years, the Faculty has accepted more than 500 students every year and the total number of students enrolled at the Faculty of Arts in the academic year 1999/2000 is 3,153 in all types of study.

New study regulations, a new examination code and a new credit system came into effect on September 1<sup>st</sup> 1999. A computerized system of the study administration continues to be introduced as part of the new information system that is being set up at MU.

Students from abroad appear to be interested in studying at the Faculty of Arts as well. Last year, the Faculty accepted more than 90 foreign students; these were recipients of scholarships from the Ministry of Education, visiting and exchange students in various programmes such as ERASMUS/SOCRATES, CEEPUS and others, or students coming as a result of bilateral agreements (from Chattanooga, Leeds, Kiev, etc.). The Faculty of Arts and the Department for Czech for Foreign Students offer one-semester scholarships to eight to ten students of Czech studies, tran-

slators and students in their final years. The 32<sup>nd</sup> year of the Summer School of Slavonic Languages took place from July 24<sup>th</sup> to August 21<sup>st</sup>, with 130 participants from 27 countries from all over the world.

More than 230 teachers went abroad on study trips and to give lecture series. On the other hand, there are more than 20 teachers from various language communities (the USA, France, Belgium, Italy, Spain, Germany, Austria, Poland, Slovenia, Latvia, Japan, etc.) working at the Faculty of Arts.

Our teachers published a large number of original scholarly works and essays in Czech and foreign almanacs and journals. The Faculty published 21 monographs. To name a few: *Czech Compound Words from the Point of View of Diachrony* by D. Šlosar, *Ancient Socio-Religious Architecture in Moravia* by V. Podborský, *The Stage Works of Ludwig van Beethoven* by R. Pečman, *The Economic Rise of Moravia, 1740 – 1918* by J. Janák, *The Moravia of the Luxembourg 1310 – 1423* by J. Mezník, *The Holocaust of the Czech Roma* by C. Nečas, *Nothing Permanent and Present* by M. Kopecký, *British Women Writers at the End of the Millennium* by Milada Franková, *Numerals Comparative – Etymological Analysis and Its Implications* by V. Blažek, *Chapters in the History of Russian Democracy: Alexander Kerensky* by V. Goněc, *Vergleichende stilistische Untersuchungen zum Ackermann aus Böhmen und Tkadlec* by S. Stanovská, *An Examination of the Domestic Management of Subjects in Western Moravia in the 16<sup>th</sup> and 17<sup>th</sup> Centuries* by B. Chocholáč.

A number of teachers received important awards both in the Czech Republic and abroad: on Prof. Radoslav Večerka was conferred the degree of honorary doctor from the University of Freiburg; the Dean of the Faculty Assoc. Prof. Ivan Seidl was awarded the Knight's Order of the Republic of Italy for promoting the cultural relationship between Italy and the Czech Republic and for his scholarly work in and translations of Italian literature; Prof. Jiří Fukač was nominated a member-correspondent of the Austrian Academy of Sciences in Vienna; Prof. Bořivoj Srba received the Prize of the Minister of Education for Lifetime Achievement; Prof. Josef Šmajš and Prof. Jiří Vysloužil were awarded the Memorial Silver Medal of the Ministry of Education; Prof. Jiří Šrámek received the Gold Medal of the Rector of Masaryk University; Prof. Miloš Štědroň obtained the Prize of the Rector of Masaryk University for his book *Leoš Janáček and 20<sup>th</sup> Century Music*, as did Prof. Jaroslav Hroch for his book *Philosophical Hermeneutics in History and the Present*; Assoc. Prof. Ludmila Urbanová received the Prešov University Medal for her promoting of English studies at the Faculty of Arts of the University of Prešov.

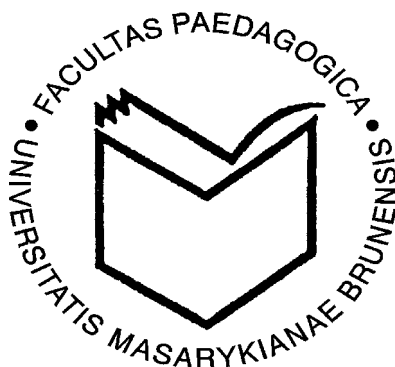
# FACULTY OF EDUCATION

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## **Dean:**

Assoc. Prof. Dr. Ota Říha

## **Vice-deans:**

Assoc. Prof. Dr. Josef Budiš

Assoc. Prof. Dr. Naděžda Krsková

Assoc. Prof. Dr. Vladislav Mužík

Assoc. Prof. Ing. Jiří Strach

## **President of the Academic Senate:**

Dr. Eduard Hofmann (until Nov 29<sup>th</sup>, 1999)

Assoc. Prof. Dr. Radek Horáček (since Nov 30<sup>th</sup>, 1999)

## **Bursar:**

Ing. Vlastimil Jarošek

The main task at the Faculty in 1999 was the implementation of the new Law No. 111/98 on Schools of Higher Education, including amendments to and changes of other laws. New internal regulations as specified by the law were proposed and approved by the Academic Senate of the Faculty. These were then presented to the Academic Senate of Masaryk University for approval. The Academic Senate of the Faculty also approved the new Scientific Council.

The second important task for the Faculty in 1999 was the introduction of the credit system of study at MU. The Faculty completed the task successfully, including the electronic registering of courses taken by individual students.

The Faculty continued its research work from previous years, in accordance with its obligation to prepare and educate a new generation of teachers for all types and levels of school. This primary mission of the Faculty conditions its scholarly and research activities, as well as the creative output of its departments.

An important indicator of these activities are grants awarded to faculty members whose subject matter fully correspond to the aims of the Faculty of Education. In 1999, the first stage of the research proposal CEZ J07/98: 144100001 entitled 'Teachers and Health' was finished. Three projects from the Grant Agency of the Czech Republic were researched, as well as eight projects from the Higher Education Development Fund and two research projects initiated by the Ministry of Education. There were other organizations sponsoring the research activities of the Faculty: the Open Society Fund in Prague (five projects), AKTION (one project), the Jan Hus Educational Foundation (two projects), and the British Council (two projects). International co-operation and mobility was supported by programmes initiated by KONTAKT, CEEPUS, SOCRATES, and PHARE. A number of teachers took part in researching other programmes: LEONARDO DA VINCI, ERASMUS, COMENIUS, the British Know-How Fund, Tulipán, VEGA, the Academy of Sciences of the Republic of Germany, the Grant Agency of the Czech Republic, and IGA – MZD ČR. The Faculty allocated CZK 2 million from its own funds to support 26 internal grants.

During the year, the departments held a number of conferences and seminars whose topics attest to the large scope of research undertaken at the Faculty. These included *Forum bohemicum X and XI, Totalitarianism in the 20<sup>th</sup> Century (the Czechoslovak Experience)*, *European and National Identities*, the seventh international conference *The Czech and Slovak Republics Under New Conditions, Monitoring Teaching Skills in Teacher Training, Children and Their Rights and Education, Alternative Physical Activities of Children and Young People*, and *Musica viva in schola*. The fourth round of discussions entitled *Halfheared or Enthusiastic* took place, its topic being the Olympic Year 2000.

The Department of Musical Education, along with the Department of Art Education, took part in nume-

rous activities specific to the Faculty of Education. Their work was successfully presented at exhibitions, symposiums (the third international symposium *PAPER '99*), concerts, and international festivals (*Sant'Elpidio Amare*). Recordings of musical works were made, such as the opera *Ifigenia* by M. Košut and the Norddeutscher Rundfunk Hamburg project *Music in Bohemia under the Reign of Rudolph II*.

In March, the Centre for European Studies was established at the Department of Philosophy and Civic Education. This department also organized an international student competition entitled *The Human Being at the Turn of the Millennium*. Together with the Centre for the Further Education of Teachers, the Faculty continues to teach pre-accreditation courses for practising teachers; based on these, a programme of postgraduate (lifelong) studies for history teachers was developed at the Department of History (commissioned by the Ministry of Education).

Postgraduate doctoral courses continue to be taught in five fields, involving 26 full-time students, 55 extramural students, and eight graduates. The Faculty was accredited to confer the degrees of associate professor or full professor respectively. The Academic Council of the Faculty of Education held five proceedings to confer the title of full professor and ten proceedings to confer the title of associate professor.

The Central Library of the Faculty registered 4,294 readers in 1999. 44,620 volumes were borrowed in the course of the year, and 28,000 people made use of the study room; 91 books were borrowed via inter-library lending services, while 60 lendings were made by means of the JASON electronic service. The new design of the central library web pages enabled comprehensive access to electronic sources of information: on-line access to the Masaryk University Central Library catalogues, to the databases Current Contents, Connect and ERIC, to the Ultranet of MU, and to the collection of CD-ROMs available at the Central Library. Music CDs can now be listened to on new high-quality equipment and CD ROMs can be explored more extensively in the study room.

Students on the teacher-training programmes for the first level of primary school are obliged to choose a specialisation out of 12 options. With all other types of *Mgr.* teacher-training programme, students are required to study a combination of two subjects. In the subjects that have been accredited for the third level of schools, students attain the qualification to teach at secondary schools and art schools. The Faculty also offers a *Mgr.* course of study in social pedagogy and special pedagogy.

Along with the *Mgr.* programmes, the faculty ran a *Bc.* (bachelor's) programme in social pedagogy focusing on leisure time, and several programmes of supplementary and augmenting studies within the framework of life-long education.

Compared to those of 1998, foreign contacts have been expanded and intensified, mainly by means of bilateral agreements within the SOCRATES project. Altogether, 157 trips were made to 17 countries, and



164 teachers and lecturers took part. The destination countries were: Slovakia (38 trips / 60 teachers), Germany (24 / 27), Austria (19 / 24), Poland (10 / 11), followed by France, Great Britain, Slovenia, Italy, the Netherlands, Hungary, Spain, and others. These trips were mostly study trips (53) and conferences and seminars (48). A number of the trips provided an opportunity to deliver a lecture. Five teachers took part in sessions of expert committees or academic councils.

The international mobility of students and teachers continues to grow, taking place mainly under the auspices of the SOCRATES-ERASMUS programme. The Faculty managed to gain altogether 52 one-semester student scholarships for 1999/2000, and 17 one-week study trips for teachers. These were made possible by bilateral agreements with universities in Austria, Germany, Holland, France, Finland, England, Greece and Italy.

In 1999, altogether 77 students took part in seminars, study trips, field trips and courses abroad (mostly in Germany, to a smaller extent in Poland, Holland, Italy, Russia, Slovakia and elsewhere). These trips were mostly made possible by means of direct invitation from abroad, various grants or international programmes (LEONARDO DA VINCI, KONTAKT, CEEPUS, PHARE, etc.); to a lesser extent, through partnership agreements between MU and foreign universities, Ministry of Education or AIA quota, and via individual contacts.

There were also numerous visits by renowned scholars to the Faculty of Education (47 occasions / 93 guests). They came to take part in academic meetings, carry out common programmes, deliver lectures, participate in scholarly discussions or for short-term research work. The visiting scholars came mostly from Germany, Austria and Poland.

Foreign visitors came in particular for the following events: the international *Language in Context* conference, *Energy in Education in the Science of the Environment (EESA)*, *Musica viva in schola*, the international *PAPER 99* symposium.

In 1999, teachers of the Faculty of Education published 16 monographs; the joint authorship of mono-

graphs and book popularisations has increased by 100% (24). The number of original works published both independently and in reviewed almanacs has increased significantly. Compared to 1998, the number of works published in excerpted journals and the number of teaching texts was higher; however, the number of published textbooks decreased slightly. Popularisations in books increased slightly, at the expense of popularisation works in magazines, TV and radio. The volume of artistic production both in the Czech Republic and abroad increased; there were solo concerts, individual and collective exhibitions, and recordings for TV and radio.

The number of teachers working for academic councils, academic societies, the committees of grant agencies and international congresses, and editorial boards of professional journals increased significantly, as did the number of invitations to give lectures or take study trips, both in the Czech Republic and abroad.

#### **The following faculty members received medals and other awards in 1999:**

- Prof. Dr. Michal Košut received an award for his composition at the International Competition of Composers in Electro-Acoustic Music in Bourges (France), 1999.
- Mgr. Jana Francová was awarded the Rector's Prize for 1999.
- Prof. Dr. Jan Chvalina received the Honorary Award of the Union of Czech Mathematicians and Physicists and the Memorial Diploma of the Military Academy of Ground Forces.
- Dr. Jaroslav Beránek received the Honorary Award of the Union of Czech Mathematicians and Physicists.
- Assoc. Prof. Dr. Jaromír Šimsa obtained the Prize of the Academy of Sciences of the Czech Republic for popularisation of science.

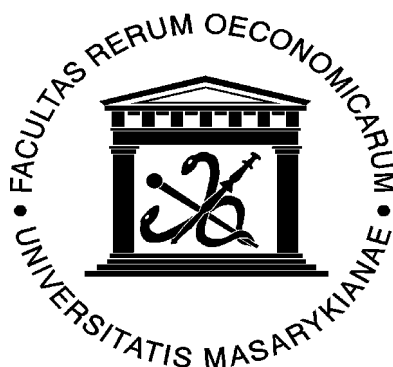
# FACULTY OF ECONOMICS AND ADMINISTRATION

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Assoc. Prof. Dr. Kamil Fuchs

Assoc. Prof. Ing. Antonín Slaný

Dr. Luboš Bauer

**President of the Academic Senate:**

Dr. Ivan Malý

**Bursar:**

Ing. František Křivánek

The year 1999 was the ninth year of the existence of the Faculty of Economics and Administration. It has been located on new premises at Lipová 41a for two years.

The main sphere of activities of individual departments of the Faculty was focused around the new Law on Schools of Higher Education and the necessity of its implementation at the Faculty. The crucial task, which has been successfully completed, was to work out a new Faculty Charter, including amendments. Another goal was to build an information system for the administration of the Faculty connected to the emerging university-wide information system of MU. The Faculty has achieved more than adequate results in international relations, supporting especially the mobility of students. A new organizational structure has been created, enabling the Faculty better to carry out its economic activities, including those of individual departments. Among the supplementary activities, there were 36 different projects that brought in a sum of CZK 5.808 million.

The Faculty focused on its **teaching activities** in two ways: from the point of view of its internal functioning and from the point of view of applying the new Law on Schools of Higher Education. The priorities thus settled, the Faculty endeavoured to work out its charter (including amendments), to simplify its Study Regulations and make them more effective, and to analyse the structure of existing *Mgr.* courses and make them conform to standard programmes at European universities. The Faculty continued to include in its curriculum further courses reflecting the approaching entry of the Czech Republic into the European Union and courses taught in foreign languages.

In 1999, as in previous years, the overall interest in studying at the Faculty continued to be high. A total number of 2,885 people applied for full-time study, while distance-learning applications amounted to 1,317. Altogether 300 students were accepted for full-time study and 370 for distance-learning programmes.

The **research activities** of the Faculty were organized in accordance with its own set of priorities and the Law on Schools of Higher Education No. 111/1998. The main goal was to make a systematic effort to obtain grants from grant agencies and other research projects approved by the Academic Council of the Faculty.

In 1999, six grant projects were researched, of which two came from the PHARE programme, three from the Grant Agency of the Czech Republic and three from the Ministry of Education. These grants were subject to partially critical reviews and a final assessment. In the internal grant system, ten regular assessments took place. In 1999, six doctoral students finished successfully their courses of study. At the moment, there are 66 doctoral students, of whom 29 are regular students and 37 part-time.

As far as its **publishing activities** are concerned, the Faculty succeeded in meeting its editorial plan, with 17 textbooks and eight scholarly works published. Other works will be published next year. All the pub-

lished works are available in the Faculty bookshop and in the Ekopress chain of shops. The list of publications available to the public can be found on the web pages of the Faculty.

As every year, the competition for the Dean's Prize of the Faculty of Economics and Administration took place. Students could take part in this competition in two categories: the best *Bc.* thesis and the best student research work.

Several **important events** were held both at the Faculty and under its auspices, of which the seminars and conferences to commemorate the 80<sup>th</sup> anniversary of the founding of Masaryk University are especially worthy of note.

In January, the traditional theoretical seminar, organized by the Faculty in co-operation with the Association of Public Economics, took place, its topic being *Problems in the Defining and Advancing of the Public Interest*.

On 3<sup>rd</sup> and 4<sup>th</sup> February 1999, a seminar entitled *The Development of Euro-Regions and Educational Systems at the Beginning of the New Millennium* took place.

Another important event was the third year of the bilateral Czech-Austrian conference with international participation called *The Entry of the Czech Republic into the European Union and the Management of the System of Education* in Vranov nad Dyjí. The conference was held under the auspices of the Austrian Ambassador in the Czech Republic Dr. Peter Niesner, the Czech Ambassador in Austria Dr. Jiří Gruša, and the Rector of Masaryk University in Brno Prof. Dr. Jiří Zlatuška. A conference entitled *On Preparing the New Law on Schools of Higher Education* was held in Strážnice under the auspices of the Faculty, its focus being the problems of education and the entry of the Czech Republic into the European Union; a number of teachers, heads of schools, mayors, trade unionists and others including representatives of the Ministry of Education, the Ministry of Internal Affairs, and the Parliament of the Czech Republic took part.

The new academic year was inaugurated by means of an international seminar for students participating in the MIBP PECO Chambery programme and an international get-together of Departments of Finance of Faculties of Economics in the Czech Republic and Slovakia.

The Faculty developed its **foreign contacts** in 1999, for the most part on the basis of bilateral agreements and contracts.

The most popular university with students interested in studying abroad was Viadrina University in Frankfurt an der Oder. In view of the continuing interest on the part of the students, the Faculty has signed a agreement within the SOCRATES programme enabling six students to study at Viadrina University next year.

Co-operation between the Faculty and the École Supérieure de Commerce Chambery in France developed further in 1999. This was made possible by a long-term agreement on participating in a multiregio-

nal programme of a European character (MIBP – PECO).

The Faculty is also involved in programmes of co-operation with Fernuniversität Hagen in Germany and the University of Nottingham in Great Britain, with which agreements were signed. Based on these agreements, the students of the MU Faculty of Economics and FU Hagen have the opportunity to enrol in distance-learning programmes in Hagen and Nottingham and can attain a degree from both schools.

An overwhelming majority of foreign student exchanges took place on the basis of the SOCRATES-ERASMUS programme. At the moment, the Faculty of Economics and Administration has institutional contracts with 11 schools. Apart from the traditional partners, the contracting parties now include FHS Trier and Universität Mannheim in Germany.

For the year 2000/2001, the Faculty counts on the further widening of its contacts, namely with Europa-Universität Viadrina in Germany, the University of Plymouth in Great Britain, and the Groupe ESC Normandy Business School in France. Unfortunately, the Faculty did not manage to extend contracts with Belgium and the Netherlands.

There were 14 students studying abroad in the winter semester. The remaining students decided to make their trips in the summer semester. Three study trips (Belgium, Tillburg, and the Hague) were not allotted any funds from SOCRATES. The study trip to the Hague was able to take place thanks to financing obtained from the HEBO fund, apportioned to both of our students by Haagse Hoogeschool.

A new activity to emerge within the SOCRATES-ERASMUS programme in 1999 was the so-called 'Free mover': a grant awarded to students who have established contacts with a foreign institution which has not entered into any SOCRATES contract.

As a result of long-term co-operation with Wirtschaftsuniversität Wien, the concluding part of the lecture series organized under the auspices of the Aktion "Drei Gastlehrveranstaltungen" Foundation took place in the winter term of 1999/2000 at the Faculty of Economics. The course was entitled *Human Resource Management* and was taught by Dr. Christiane Erten-Buch. It is divided into three lecture blocks meant not only for students, but also for teachers interested in the teaching methods used in the course.

At present, negotiations are underway with the aim of repeating the course taught by Dr. P. Trcky from the said institution, who gave lectures at the Faculty in the summer term of 1998/1999.

There were other important visiting lecturers at the Faculty in 1999: the American lecturer Steven Davis delivered the following lectures: *Introduction to the American Political Process, Media and Politics*, and *Environmental Politics*. These lectures were accompanied by a course taught by another American lecturer, Jerry Jordan, entitled *Leadership and Teams*. Mag. Dkfm. Otto Paul of Vienna delivered a lecture series entitled *Ausgewählte Probleme der Klein- und Mittelbetriebe*. At the end of the year, the Faculty hosted Prof. Stewart from SUNY, who delivered a lecture as part of the course *The Theory of the Public Sector*.

# FACULTY OF INFORMATICS

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In 1999, five years elapsed since the founding of the Faculty of Informatics. To commemorate this small anniversary, the Faculty officially inaugurated the recently reconstructed building on Botanická Street, with leading representatives from MU and other institutions present at the event. After five years of provisional arrangements, the Faculty has finally acquired ample premises for its activities. At the moment, there are over 5,000 square meters of utilizable floorspace, 13 lecture halls with an overall capacity of 862 seats, and a computer hall and computer classrooms with 150 computers. The overall costs of reconstruction exceeded CZK 80 million.

One of the most important events in 1999 was the awarding of doctor's degrees in informatics to Prof. C. Bennett and Prof. N. Wirth, both leading scholars in the field of informatics.

In 1999, intensive work was done on the writing up of new legal regulations of the Faculty, from the Charter of the Faculty to study and examination rules for all forms of study, as required by the new Law on Schools of Higher Education.

The academic staff of the Faculty of Informatics is actively involved in research covering areas successfully explored by projects funded by national grant agencies as well as those resulting from international co-operation. Three long-term research projects in informatics entered their first year of existence: *Nonsequential Models of Computing*, *Human-Computer Interaction*, *Dialogue Systems and Assistive Technologies*, and *Application of Computer Image Analysis in Optical Microscopy*. These projects, together with the security of information systems, are the main focus of research at the Faculty. Further research areas in which members of the Faculty are particularly active include: theoretical informatics, specification-based systems, software engineering, the methodology of programming, computer networks, electronic typesetting and desktop publishing, multimedia systems and the general impact of IT. The Faculty of Informatics was a direct recipient of a grant from the Grant Agency of the Czech Republic for in-depth research in virtual reality and two long-term grants from the Ministry of Education focusing on applications connected to natural language and communication in it, and on the processing of three-dimensional patterns of genetic information in cells. In addition, the Faculty obtained ten grants from the Grant Agency of the Czech Republic, three grants from the Higher Education Development Fund, and five other grants, including grants from abroad. The total value of grants received in 1999 was almost CZK 9 million.

Academic research work at the Faculty is closely connected with specialised research laboratories, funded mostly from research grants. In addition to the laboratories already in place (Laboratory of the Processing of Natural Languages, Human-Computer Interaction Laboratory, Laboratory of Phonetics, Laboratory of Acoustics, and Laboratory of High-Resolution Cytometry), a new Laboratory of Parallel and Distributed Systems was opened. Besides researchers

and post-graduate doctoral students, the best undergraduate students are involved in research work in these laboratories.

As is becoming a tradition, the Faculty organised the international SOFSEM conference, which ranks among the most important conferences in informatics in the Czech Republic. Another very important event organised by the Faculty was the DATASEM conference, the main national conference on database and information systems.

The Faculty organizes the weekly *Colloquium in Informatics*, where the most recent results of research and development in informatics are presented. There were lectures from 15 speakers from international institutions. Members of the Faculty of Informatics also participated in 24 significant international conferences and congresses held abroad and in 18 similar events in the Czech Republic. In September 1999, the Faculty played host to the participants of the Olympics in Informatics (CEOI), an international competition of 20 teams of secondary-school students from twenty different countries.

The Faculty of Informatics provides university-type courses which place a heavy emphasis on scientific training and theoretical foundations of the discipline. The system of study is as open as possible to students and enables them to choose subjects according to their particular interests.

At present, the Faculty offers three types of study, leading to bachelor's (*Bc.*), master's (*Mgr.*) and doctor's (*Dr.*) degrees respectively. A number of academic programmes are organized in co-operation with the Faculty of Science (particularly mathematics) while the teacher-training courses (comprising two subjects) are inter-faculty courses. Students of specialised studies major in informatics and also subscribe to a minor subject. The Faculty provides courses in informatics as the major discipline in two programmes: either in the more practical bachelor's course, or in the more demanding and theoretical master's course. Basic courses of the two programmes overlap and students can easily switch between them; last year, the scope of options available to students was further adapted to their particular needs, and new specialised bachelor's courses were introduced in some subjects. The master's courses require the completion of certain academic prerequisites at the end of the third year, at which time those students who continue with the master's course may obtain a bachelor's degree (which enables graduates to progress to higher forms of study at other institutes of higher education at home or abroad).

Special attention has been paid to post-graduate doctoral studies in informatics, which the Faculty considers very important. With the continuously increasing number of students, the Faculty endeavours to provide students with the best possible conditions for their research work. The Faculty expects its post-graduate students to present dissertations of high academic standards and to publish their work in renowned foreign journals and in reviewed almanacs.

The Faculty uses a credit system in all forms of study, which comprises a combination of obligatory courses, specialised courses, and optional courses selected in accordance with the student's own professional preferences.

The Faculty has continued to keep up its wide international contacts with numerous foreign institutions. Twenty-two Faculty members are involved in work for various committees of international conferences, boards of international professional societies (IFIP, IEEE CZ, TUG, ACM Chapter CZ, and ERCIM), and editorial boards of scientific journals. Ten members were invited to take part in study trips and lecture series abroad, while three lecturers from abroad gave courses at the Faculty of Informatics. Faculty members went on 63 trips abroad, most of which involved active participation at international conferences and seminars. The Faculty played host to 31 visitors from abroad.

Long-term co-operation in theoretical research continued last year with City University London (UK), the University of Namur (Belgium), and the Technical University of Munich (Germany). Especially successful was the co-operation with the RAL (Rutherford Appleton Laboratory, UK) involving work on the STRADIVARE project, funded under the COPERNICUS scheme. In the EU research project EuroWordNet 2 (EC Telematics), the Faculty continued to cooperate with research teams at the Universities of Amsterdam, Pisa, Sheffield, and others. The Faculty actively cooperated with Oxford University (UK) and the University of Heidelberg (Germany), in

research in the area of image analysis in cytogenetics. During 1998, Faculty members went on 70 trips abroad, of which more than 50 percent involved active participation at conferences. The Faculty played host to 23 visitors from abroad. Members of the Faculty of Informatics are also board members of IFIP, IEEE CZ, TUG (TeX User Group), ACM Chapter CZ, and ERCIM.

In 1999, faculty members published 98 works, of which 52 were published abroad and 46 in the Czech Republic. Twelve monographs were published (nine of them abroad) and 48 articles appeared in reviewed almanacs or journals monitoring their impact factor. Other works included educational and popular articles and textbooks.

#### **Honorary Doctoral Degrees, Medals, and Other Awards**

Prof. Dr. Jozef Gruska was awarded the First-Class Medal of the Minister of Education of the Czech Republic. Petr Macháček was awarded the Masaryk University Rector's Prize for excellent study results. Mgr. Robert Goliáš, Mgr. Jan Dvořák, Mgr. Antonín Rozsypal and Mgr. Jakub Mrázek were awarded the Faculty of Informatics Dean's Prize, for excellent results in their undergraduate studies.

# SCHOOL OF SOCIAL STUDIES

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The School of Social Studies entered its second year of existence and places a strong emphasis on a number of activities. There are two research projects which currently have topmost priority: *Ethnicities, Minorities and Marginalized Groups* and *Children, Youth and the Family in Transformation*. These projects are being researched in co-operation with other departments and research centres in the Czech Republic and abroad. The former is long-term interdisciplinary research in minorities, which attempts to specify the basic characteristics of minorities living on the Czech territory as well as the psychological and social factors influencing their social status and their coexistence with the majority, with the main emphasis is placed on the Roma ethnic group. The latter project investigates the social trends of the transformation of the Czech family, the principles of the mental and social development of children and youth (old age to be included later), utilizing the research capacities of human environmentalistics and the body of knowledge in the social and psychological aspects of the life of minorities and ethnic and marginalized groups. An integral part of these research schemes is work on an international project focusing on the teaching of the study of ethnic minorities within regular teaching programmes (the Jan Hus Foundation), complex research on the subject of Roma children and families in Brno and Ostrava (the British Know-How Fund), work on research into the effects of social benefits and on a project entitled *The Failure of Social Politics* (both funded by grants from the Grant Agency of the Czech Republic). All departments and research institutes are moreover involved in projects related to their academic and research profiles. There were 31 grants allocated to the School of Social Studies, including nine from the Grant Agency of the Czech Republic, eight from the Jan Hus Educational Foundation, and four from the Open Society Fund.

Alongside research, members of the School were also involved in matters of a more administrative nature: the School held the international conferences *Systems in Transition* (in February) and *The Reality and Risks of Social Exclusion* (in November). Faculty members also participated in a conference entitled *Nationalist Parties in Europe* (organized by the MU International Institute of Political Science), worked on expert committees of grant agencies (thirteen Czech agencies and one foreign) and on the committees of professional societies (seven in the Czech Republic and one abroad). Academic staff of the School of Social Studies continued to provide expert opinions requested by central institutions, last year involving nine researchers. The Faculty played host to many interesting visitors: last year, there were discussions with Jakub Puchalský, Vladimír Železný, Ivo Mathé and Magda Vašáryová.

As far as teaching activities are concerned, the most significant achievement last year was the introduction of programmes of combined study (so far, five *Bc.* study programmes comprising two subjects). These study programmes are especially appropriate

for working people, who by this means can gain the qualifications they require, and were greatly sought after. To accommodate public demand, a new subject called *International Relations and European Studies* was introduced (taught predominantly by the Department of Political Science). In accordance with efforts to correlate the local standards of university education with European ones, all courses offered within the study programmes of the School of Social Studies were accredited and so called eurocredits are being introduced, enabling the comparing of study achievements in a European context. The number of applications for study at the School of Social Studies increased again: there were 4,061 applications for the *Bc.* study programmes, while 237 *Bc.* graduates applied for study in *Mgr.* programmes. Unfortunately, only 244 *Bc.* students and 102 *Mgr.* students could be accepted.

International co-operation at the School took the form of joint research projects and inter-university agreements and programmes, as well as personal contacts. As part of the TEMPUS S JEP programme, the School organized supervisory study trips to the University of Ulster in Londonderry for V. Smékal and to St. Loye's School of Occupational Therapy for J. Volná, which enabled five students to study at this school. Two students of this school came to study at the School of Social Studies in exchange.

Ten students went on study trips abroad as part of the SOCRATES-ERASMUS programme (to Jena, Roskilde, Driebergen and Lillehammer), as did two teachers (to Amsterdam and Tillburg). For next year, exchange agreements have been signed with the universities of Roskilde, Jena, Roma, Driebergen, Lillehammer, Tillburg and Leuven, enabling 15 students to go on study trips. Inter-university agreements also made it possible for Prof. Keller to deliver a lecture series at the University of Rennes. Eight more members went on extended study trips and to give lecture series during the year. A number of foreign guests gave lectures at the School of Social Studies: Xu Yaokui from the Beijing Institute of Journalism and Communication, Ellen Hume Shattuck from the USA, Robert Braun from the Economic University of Budapest, Prof. Robert Saciuk and Dr. Stanislava Witkowski from the University of Wroclaw, Dr. C. A. Lewis from the University of Ulster, Prof. Pavel Machotka from the University of California, Prof. Thomas Stewart from SUNY and Prof. Michal Buchowski from Poznań. Teresa Sasinski-Klas and Tomasz Goban-Klas delivered lectures as part of the *The Ethics of Journalism* grant programme. Twenty-one undergraduate students from SSEES, London, spent their autumn semester in Brno, where they took courses consisting of lectures in the social and political reality and problems of post-communist countries and a course in Czech language. This programme has been running for five years.

Last year, members of the School published 21 monographs, 23 almanacs (four of which were published abroad), 36 original works appearing in jour-

nals (nine abroad), and other texts that include textbooks, teaching texts and popular titles. The Department of Mass Media and Journalism has done important work in co-operation with the Czech TV and radio. There are also books by members of the school which require a mention: I. Možný's *Why So Easily* and his *Sociology of the Family: Its Developments, Theory and Fundamental Issues*, P. Barša's *Political Theory of Multiculturalism*, P. Mareš's *Sociology of Inequality and Poverty*, P. Barša's and M. Strmiska's *The Nation State and Ethnic Conflicts*, I. Plaňava's *Marriage and Families: Structure, Dynamics, Com-*

*munication*, or a collection of essays under the title *Christian and Conservative Parties and European Integration*, edited by M. Mareš and P. Fiala.

In conclusion, some mention has to be made of prizes and awards received: Prof. Ivo Možný was awarded honorary membership of the Czech Learned Society in Prague and in the Europäische Akademie der Wissenschaften und Künste in Vienna, Prof. Hana Librová received the Josef Vavroušek Prize, awarded by the Charta 77 Foundation, and Prof. Jan Keller obtained the Prize of the Minister of Environment of the Czech Republic for 1999.