

ReFEEHS Project Structured Study Visit University of Pécs Faculty of Health Sciences

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European standards of quality assurance in higher education

- European standards and guidelines for quality assurance in higher education included in the document (ESG) adopted in 2005 by the coordination of ENQA (European Association for Quality Assurance in Higher Education).
- During the (accreditation) process the Hungarian Accreditation Committee (MAB) and the institutions consider the standards and recommendations of European Standards and Guidelines as basics.





European standards (ESG expectations) Principles and practices of quality management

- 1. Strategies and procedures to ensure the quality
- Starting, monitoring and regular internal evaluation of training programs
- 3. Assessment of student performance
- 4. Ensuring the quality of instructors
- 5. Learning support, tools, and student services
- 6. Internal information system
- 7. Publicity, informing common opinion





Institution accreditation and program accreditation

Institution accreditation process (University):

overall institutional operation, leadership, organization, infrastructure, education and research organization, and the institutional quality assurance.

Program accreditation process(BsC, MsC):

in which professional assessment of individual training programs (courses) take place.





Institution accreditation

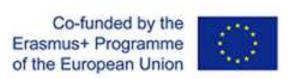
Required for the accreditation of the faculty:

- the total number of full-time lectures reaches 40;
- at least half (50%) of full time lecturers and researchers have
 scientific degree and carry out regular research activity
- not more than 35 students should be / one of the full time
 lecturer with scientific degree
- at least three full time lecturers and researchers are member of the doctor school of the university



The dual purpose of program accreditation





a) In the training area/sector quality-authentication and quality assessment of all specializations in all training institutions

The basis of <u>quality</u> certification (accreditation): continuous maintenance of personnel and infrastructural minimum requirements

- compliance with the requirements of vocational training and outcome (KKK)
- compliance with the Hungarian Accreditation Committie aspects.

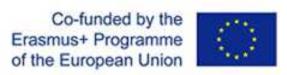
The basis of *quality evaluation*: quality assurance procedures

- minimum requirements
- student and teacher performance
- methods and results of training are characterized by the achievement of the objectives of the KKK in points
- b) Based on the quality rating of all specializations a comprehensive synthetic evaluation of courses and training system for all training area/sector



Conceptual elements of the program accreditation





- Relevant curriculum content (curriculum, subject and methodology development) in the light of technical installation and start-up documents
- Personnel requirements ensured continuously
- Infrastructure conditions provided
- The involvement of students in the learning process, monitoring of learning aspects
- The measurement of students' knowledge, skills
- Coordination and cooperation of the courses for the given training field / sector (majors, specializations)
- Coordinating and organizing of the entire training process
- Quality assurance of the entire training process
- Student, employee opinion and satisfaction observance
- Position indicators, internal and after graduation monitoring process



Phases of the accreditation process

- 1. Preparation of the accreditation process
- 2. Preparation of self-assessment of institutions
- 3. The work of the visiting committee
- 4. Completion of the evaluation process





The concept in the contents of the evaluation process

 Investigation to meet the the training and outcome requirements and accreditation criteria

(the content of training, personnel, research, workshops, infrastructure ...etc.)

- II. Analysis and results of the training process
- III. Quality assurance, quality improvement
- IV. User options, contact forms



Training content





- 1. Developed curriculum
- **2.** Course programs, course descriptions (academic disciplines and professional fields knowledge circles/disciplines credit range)
- 3. Ensuring the training process
- Institutional tools, training methodologies
- Appropriate practical skills for orientation
- Verification, evaluation methods
- International training, student mobilization
- Study information issue





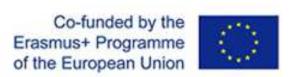
Personnel requirements for trainings

- Responsible for the specialty
- full-time employee
- academic degree
- proven work experience and performance
- professional competence and research in line with the speciality
- publication activity of the last 5 years



Personnel requirements for trainings





- **II. Attendants** (full-time or part-time, person involved in education, guest lecturer)
- •at least 50% of the lecturers responsible for core material subjects have to possess academic degree
- •one lecturer is allowed to be responsible for up to three subject units (3x12 credits)
- •involvement of the responsible lecturer in education and examination is meaningful (at least 3 credits)
- •responsible lecturer for practical knowledge has to represent certified professional knowledge
- •responsible lecturer for specializations at least 30 credits has to be a lecturer of at least one dubject as well (full- or part-time lecturer)



Personnel requirements for trainings

III. All institutional instructor of the training

- at least 75% of the lecturers of core subjects are the lecturers of the institution (full or part-time)
- •50% of the leaders of practical sessions are full-time lecturers at the institution
- •professional competence is in line with the taught subjects





Planned educational and outcome requirements of the graduated specialization

- 1. The appropriate **classificatio**n of specializations.
- 2. The harmony of postgraduated specialization training and the **name of the obtainable qualification**.
- 3. The obtainable qualification is described according to the required elements of competence (knowledge, skills, attitudes, autonomy and responsibility) and the level and purpose of the training.
- 4. The key **credit** ratios of modules.
- 5. The training should fit to the given area disciplinary regarding professional content.



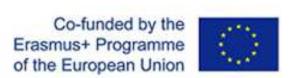


The specialization, postgraduate training based on the nature of the program can be:

- highly theory-oriented, in which the proportion of the theoretical knowledge is 70-80%
- theory-oriented, in which the proportion of theoretical knowledge is 60-70%
- balanced, in which the ratio of theoretical knowledge is 40-60%
- practice-oriented, in which practical knowledge is 60-70%
- especially practice-oriented, in which practical knowledge is 70-80%







Medical training

The number of credits have to be collected to obtain a master's degree: 360 credit;

•Foundation skills: 92–124 credit;

Preparational clinical knowledge: 44–64 credit;

Clinical knowledge: 138-186 credit;

•Thesis: 20 credit;

•Elective subjects: min. 18 credit;

•Rate of practical skills min. 65 %.



Medical training – current situation, challenges





Staff requirements, training number and capacity

•Development of teaching staff is required – especially in clinical fields development of the teaching career model for teaching staff

	Student number 2005-2006		Student number 2013/2014		Changes in student number (2005 number is 100%)				
Institution	Hungarian	foreign	In wich foreign	Hungarian	foreign	In wich foreign	Hungarian	foreign	total
Debrecen	986	627	38,9%	1305	1468	52,9%	132%	234%	172%
Pécs	797	510	39%	980	1283	56,7%	123%	238%- 270%	173%
Budapest	1425	1524	51,7%	2390	1953	45%	168%	164%- 97%	147%
Szeged	898	498	35,7%	1297	909	41,2%	144%	203%- 144%	158%
total	4106	3156	43,4%	5972	5613	48,5%	146%	178%	159%





Medical training – current situation, challenges

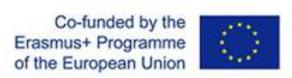
Training content – accredited hospitals and system configurations of practical departments

Nature of courses, methodology: skill-laboratories, team based learning, Virtualis imaging department, blocks

Efficiency, effectiveness: graduation rate is high: dropout is around 10%







Dentist training

The number of credits have to be collected to obtain a master's degree: 300 credit;

Foundation skills: 80–100 credit;

Preparational clinical knowledge: 45–59 credit;

Clinical knowledge: 115-131 credit;

•Thesis: 20 credit;

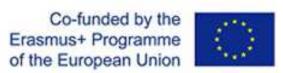
Elective subjects: min. 15 credit;

•Rate of practical skills min. 65 %.



Dentist training – current situation, challenges





Training content

Training institution	Foundation and knowledge(125		Professional concurriculum(115-	Total credit of compulsory		
	Foundation		Clinical	Dentistry	subjects	
	skills (80-100	clinical	knowledge	clinical modul		
	credit)	knowledge	(25-31 credit)	(90-100		
		(45-59 credit)		credit)		
DEBRECEN	103	49	23	64	239	
hours	1364	772	465	1051	3652	
PÉCS	12	26	11	240		
hours		1872		1856	3738	
BUDAPEST	109	56	22	112	299	
hours	1715	798	427	1659	4508	
SZEGED	84	46	25	85	240	
hours	1560	968	403	1770	4701	



Dentist training





Nature of courses, methodology, evaluation and monitoring:

Skill-laboratories and clinical training - the application of team based learning is an effective methodology elements

Efficiency, effectiveness: graduation rate is 60-90% concerning all universities

Staff requirements, training number and capacity

Increase of student numbers in the last years:

In Hungarian training about 50%

Foreign language training double-triple

 Which requires the development of the number of instructors and the teaching career model for teaching staff



Pharmaceutist training



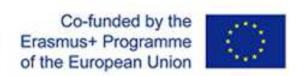


The number of credits have to be collected to obtain a master's degree: 300 credit;

- •Foundation skills: 70 95 credit;
- •Medical-biological theoretical knowledge and practical skills: 60 80 credit;
- ◆Professional science skills: 100 160 credit;
- Szakmai gyakorlathoz rendelhető kreditérték: 22-24 credit;
- •Thesis: 10 credit;
- Elective subjects: 15 credit;
- •Rate of practical skills: min. 40 %.



Pharmaceutist training REFEEHS



Training content: according to the competency-based requirements since 2006

Institution		oundation skills	Professional core curriculum	Total credit	
	Basic theoretical and practical skills (70-95 credit)	Medical-biological theoretical knowledge and practical skills (60-80 credit)	total	Professional science skills (100-160 credit)	
DEBRECEN	77	57	134	124	258
hours	1101	764	1865	1800	3665
PÉCS	65	50	115	107	222
hours	910	700	1610	1552	3162
BUDAPEST	91	49	140	101	241
hours	1260	693	1953	1506	3459
SZEGED	71	47	118	122	240
hours	932	644	1576	1648	3224



Pharmaceutist training REFEERS



Nature of courses, methodology, evaluation and monitoring mutually – Specific professional syllabus in case of the core curriculum

Skill-laboratories and clinical training - the application of team based learning is an effective methodology elements

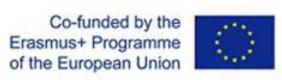
Efficiency, effectiveness: graduation rates of around 60-90%

Staff requirements, training number and capacity

Increase in the number of students in Hungarian trainings is double, in foreign language training it is 15-25%.







BsC

- relatively low number of students
- international employment opportunities
- professional development

Efficiency, effectiveness: low student number, low graduation rates is typical.

Training content

The training consists 3000 hours of full-time students, almost half of the correspondence training.

During the training 6 weeks term-time is followed by a practical period of 4 weeks.







Msc

The number of credits have to be collected to obtain a master's degree: 90 credit

Foundation skills: 22-29 credit;

Professional core curriculum: 18-23 credit;

Specific professional curriculum: 26-30 credit;

Elective subjects: 5 credit;

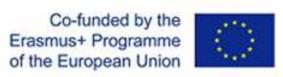
Thesis: 12 credit;

•Rate of practical skills: 30 %.

The training is primarily focused on three areas: education, research and management





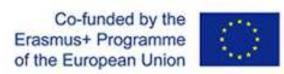


Advanced Practice Nurse MSc

- expanded competencies workload on doctors, waiting times,
- cost of care decrease,
- mortality reduces,
- patient satisfaction improves
- •expanded responsibilities attrition and foreign employment needs are reduced.







Health Sciences doctoral program

certified nurses
certified health visitors
dietitians
physical therapists
paramedics

health sciences and **social sciences** fields



Thank You for your kind attention



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