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

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Accreditation of health care professionals institutions in Hungary

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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.

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

1. Strategies and procedures to ensure the quality
2. 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

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Institution accreditation and program accreditation

Institution accreditation process (University):

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

P**rogram accreditation** process(BsC, MsC):

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

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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

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

The basis of quality 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

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Conceptual elements of the program accreditation

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- **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
- C**oordination** 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**

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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

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The concept in the contents of the evaluation process

I. **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

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Training content

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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*

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Personnel requirements for trainings

I. 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*

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Personnel requirements for trainings

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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)

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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*

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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.

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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, i**n 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%**

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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

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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%***

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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%

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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

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Training content

Training institution	Foundation and preparational knowledge(125-159 credit)		Professional core curriculum(115-131 credit)		Total credit of compulsory subjects
	Foundation skills (80-100 credit)	Preparational clinical knowledge (45-59 credit)	Clinical knowledge (25-31 credit)	Dentistry clinical modul (90-100 credit)	
DEBRECEN	**103**	**49**	**23**	**64**	**239**
hours	*1364*	*772*	*465*	*1051*	*3652*
PÉCS	**126**		**114**		**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

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Dentist training

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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

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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 %.**

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Pharmaceutist training

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

Institution	Foundation 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

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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%.

Nurse training

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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.

Nurse training

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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

Nurse training

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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.

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Nurse training

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Health Sciences doctoral program

certified nurses

certified health visitors

dietitians

physical therapists

paramedics

health sciences and **social sciences** fields

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Thank You for your kind attention !

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