



UNIVERSITY OF PÉCS
MEDICAL SCHOOL

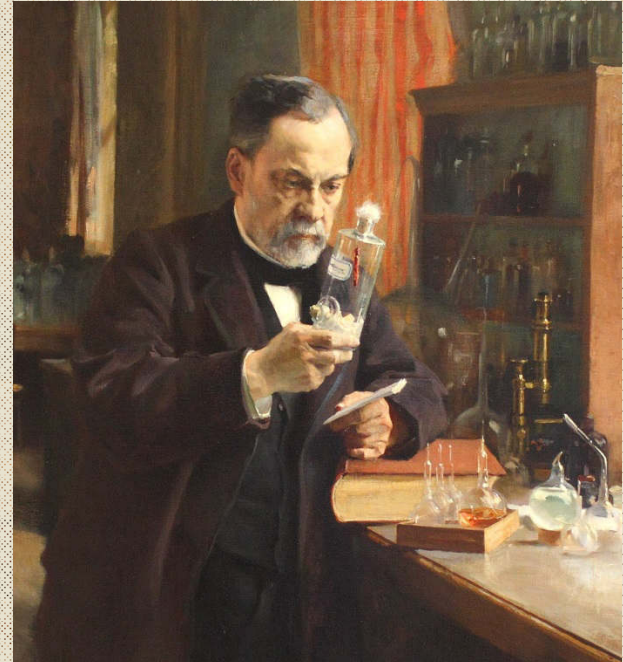
PÉCSI TUDOMÁNYEGYETEM
• **JUBILEUM 650** •
UNIVERSITY OF PECS JUBILEE

www.medschool.pte.hu

Graduate education of medical professionals

Dr. Attila MISETA
dean, UPMS

Pécs, April 26th 2017



Chance favours the prepared mind.

— Louis Pasteur

History of the Medical School

- 1367 University of Pécs founded by King Louis the Great
- 1923 Hungarian Royal Erzsébet University transferred to Pécs from Bratislava
- 1948 Named "University of Sciences of Pécs"
- 1951 Independent Medical University of Pécs established
- 1966 New university hospital (400-bed-clinic)
- 1970 New Central Building of the Medical School
- 1973 Founding of the Dentistry major
- 2000 Integration of the Medical University into the University of Pécs
- 2003 Adoption of the European Credit Transfer and Accumulation System
- 2016 Faculty of Pharmacy became independent

Foreign Language Programmes

| | | |
|------|-----------------------------|-----------|
| 1984 | General Medicine | (English) |
| 1993 | PhD. in Biomedical Sciences | (English) |
| 2004 | General Medicine | (German) |
| 2005 | Dentistry | (English) |
| 2006 | Dentistry | (German) |
| 2009 | Pharmacy | (English) |
| 2010 | Biotechnology MSc | (English) |

Courses offered at the UP MS

Preparatory Courses

at the International Studies Center

4 and 10 month courses of Academic English
and sciences

Graduate Courses

General Medicine

6 years, in Hungarian, English and German

Dentistry

5 years, in Hungarian, English and German

Courses offered at the UP MS

Master Program

Biotechnology (2 years, in English)

Postgraduate Courses

Doctoral (PhD) Programmes in

- ◆ Theoretical Medical Sciences
- ◆ Clinical Medical Sciences
- ◆ Clinical Neurosciences
- ◆ Interdisciplinary Medical Sciences
- ◆ Pharmacological and Pharmaceutical Sciences

| | Hungarian | English | German |
|------------------|-----------|---------|--------|
| General Medicine | 1124 | 846 | 738 |
| Dentistry | 218 | 237 | 62 |
| Biotechnology | 0 | 28 | 0 |
| Total | 1571 | 1264 | 800 |

3635 active students

Admission requirements

Hungarian Program

Frame numbers for intake per year:

Medicine: 210

Dentistry: 50

felvi.aok.pte.hu

English Program

Frame numbers for intake per year:

Medicine: 180

Dentistry: 50

admissions.medschool.pte.hu

German Program

Frame numbers for intake per year:

Medicine: 200

Dentistry: 20

bewerbung.medizin.pte.hu

General Medicine recommended curriculum – obligatory subjects

The student is required to obtain **30 credits per semester**, therefore the student can complete the curriculum in the given semester only if he/she completes as many **elective and facultative** subjects besides the obligatory subjects listed in the following chart, as many are needed to reach the required 30 credits!

Basic Module – first two years

| Semester | Subject title | Lect. | Pract. | Sem. | Total | Credit |
|----------|-------------------------------------------------------|------------|------------|------------|------------|------------|
| 1 | Behavioral Science 1 (Medical Anthropology) | 14 | 0 | 0 | 14 | 1 |
| | Biophysics 1 | 28 | 28 | 0 | 56 | 4 |
| | Public Health 1 (The Basics of Disease Prevention) | 7 | 7 | 0 | 14 | 1 |
| | Molecular Cell Biology 1 | 42 | 12 | 30 | 84 | 6 |
| | Biometrics | 14 | 14 | 0 | 28 | 2 |
| | Behavioral Science 2 (Medical Ethics) | 0 | 0 | 14 | 14 | 1 |
| | Medical Communication Skills | 6 | 8 | 0 | 14 | 1 |
| | Medical Chemistry | 42 | 28 | 14 | 84 | 6 |
| | First Aid | 0 | 14 | 0 | 14 | 0 |
| | General Chemistry | 0 | 0 | 28 | 28 | 0 |
| | Physical Education 1 | 0 | 28 | 0 | 28 | 0 |
| | | 153 | 139 | 86 | 378 | 22 |
| 2 | Anatomy 1 | 14 | 56 | 0 | 70 | 5 |
| | Public Health 2 (General Epidemiology and Demography) | 14 | 14 | 0 | 28 | 2 |
| | Introduction to Biochemistry | 28 | 28 | 0 | 56 | 4 |
| | Biophysics 2 | 14 | 28 | 0 | 42 | 3 |
| | Molecular Cell Biology 2 | 28 | 12 | 16 | 56 | 4 |
| | Histology and Embryology 1 | 28 | 28 | 0 | 56 | 4 |
| | Summer Practice in Hospital Care | 0 | 90 | 0 | 90 | 0 |
| | Nursing Skills Theory - Hospital Care | 7 | 7 | 0 | 14 | 0 |
| | Summer Practice in Medical Communication Skills | 0 | 30 | 0 | 30 | 0 |
| | Physical Education 2 | 0 | 28 | 0 | 28 | 0 |
| | | | 133 | 321 | 16 | 470 |

| Semester | Subject title | Lect. | Pract. | Sem. | Total | Credit |
|----------|-------------------------------------------------|-------|--------|------|-------|--------|
| 3 | Anatomy 2 | 14 | 56 | 0 | 70 | 5 |
| | Biochemistry | 42 | 28 | 0 | 70 | 5 |
| | Physiology 1 | 70 | 56 | 0 | 126 | 9 |
| | Basics of Human Genetics | 14 | 0 | 0 | 14 | 1 |
| | Public Health 3 (Environmental Health) | 7 | 7 | 0 | 14 | 1 |
| | Histology and Embryology 2 | 28 | 28 | 0 | 56 | 4 |
| | Physical Education 3 | 0 | 28 | 0 | 28 | 0 |
| | | 175 | 203 | 0 | 378 | 25 |
| 4 | Physiology 2 | 70 | 56 | 0 | 126 | 9 |
| | Basic Immunology | 28 | 28 | 0 | 56 | 4 |
| | Anatomy, Histology, Embryology and Neuroanatomy | 42 | 0 | 84 | 126 | 9 |
| | Medical Biochemistry | 42 | 28 | 0 | 70 | 5 |
| | Behavioral Science 3 (Medical Sociology) | 28 | 0 | 0 | 28 | 2 |
| | Final Exam in Medical Hungarian – oral | 0 | 0 | 0 | 0 | 0 |
| | Physical Education 4 | 0 | 28 | 0 | 28 | 0 |
| | | 210 | 140 | 84 | 434 | 29 |

Preclinical Module – one year

| Semester | Subject title | Lect. | Pract. | Sem. | Total | Credit |
|----------|--------------------------------------------|------------|------------|------------|------------|------------|
| 5 | Internal Medicine: Propaedeutics | 28 | 28 | 0 | 56 | 4 |
| | Pharmacology 1 | 14 | 0 | 28 | 42 | 3 |
| | Pathophysiology 1 | 42 | 8 | 20 | 70 | 5 |
| | Microbiology 1 | 42 | 28 | 0 | 70 | 5 |
| | Behavioral Science 5 (Medical Psychology) | 14 | 14 | 0 | 28 | 2 |
| | Basic Surgical Techniques | 6 | 22 | 0 | 28 | 2 |
| | Behavioral Science 4 (Neuropsychology) | 14 | 0 | 14 | 28 | 2 |
| | Pathology 1 - General Pathology | 56 | 28 | 28 | 112 | 8 |
| | | 216 | 128 | 90 | 434 | 31 |
| 6 | Pharmacology 2 | 28 | 0 | 28 | 56 | 4 |
| | Pathophysiology 2 | 14 | 24 | 24 | 70 | 5 |
| | Microbiology 2 | 42 | 28 | 0 | 70 | 5 |
| | Public Health 4 (Preventive Medicine) | 20 | 8 | 0 | 28 | 2 |
| | Pathology 2 - Systemic - Organ Pathology | 56 | 28 | 28 | 112 | 8 |
| | Surgical Propedeutics | 14 | 14 | 0 | 28 | 2 |
| | Summer Practice in Internal Medicine | 0 | 140 | 0 | 140 | 0 |
| | | | 174 | 242 | 80 | 504 |

Clinical Module – two years

| Semester | Subject title | Lect. | Pract. | Sem. | Total | Credit |
|----------|------------------------------------------------------------------|------------|------------|------------|------------|-----------|
| 7 | Dermatology | 28 | 28 | 0 | 56 | 4 |
| | Otolaryngology | 14 | 28 | 0 | 42 | 3 |
| | Pharmacology 3 | 14 | 0 | 28 | 42 | 3 |
| | Internal Medicine: Haematology | 14 | 28 | 0 | 42 | 3 |
| | Clinical Biochemistry | 14 | 14 | 0 | 28 | 2 |
| | Clinical Radiology | 28 | 28 | 0 | 56 | 4 |
| | Public Health 5 (Detailed Epidemiology) | 14 | 0 | 0 | 14 | 1 |
| | Basics of Bloodtransfusion | 3 | 4 | 0 | 7 | 0 |
| | | 129 | 130 | 28 | 287 | 20 |
| 8 | Internal Medicine: Cardiology | 14 | 28 | 0 | 42 | 3 |
| | Internal Medicine: Clinical Immunology - Rheumatology | 14 | 14 | 0 | 28 | 2 |
| | Public Health 6 (Occupational Hygiene and Occupational Medicine) | 7 | 7 | 0 | 14 | 1 |
| | Oncology | 14 | 14 | 0 | 28 | 2 |
| | Oral Medicine 1 | 14 | 2 | 12 | 28 | 2 |
| | Orthopaedics | 14 | 28 | 0 | 42 | 3 |
| | Urology | 14 | 28 | 0 | 42 | 3 |
| | Surgery 1 | 14 | 14 | 0 | 28 | 2 |
| | Traumatology | 14 | 8 | 20 | 42 | 3 |
| | Summer Practice in Surgery | 0 | 120 | 0 | 120 | 0 |
| | 119 | 263 | 32 | 414 | 21 | |

| Semester | Subject title | Lect. | Pract. | Sem. | Total | Credit |
|----------|---------------------------------------------------------|-------|------------|------------|----------|------------|
| 9 | Internal Medicine: Diabetes – Angiology | 4 | 8 | 0 | 12 | 1 |
| | Internal Medicine: Gastroenterology | 14 | 28 | 0 | 42 | 3 |
| | Paediatrics 1 | 28 | 28 | 0 | 56 | 4 |
| | Forensic Medicine | 28 | 28 | 0 | 56 | 4 |
| | Neurology 1 | 14 | 28 | 0 | 42 | 3 |
| | Psychiatry 1 | 14 | 28 | 0 | 42 | 3 |
| | Surgery 2 | 14 | 28 | 0 | 42 | 3 |
| | Obstetrics and Gynaecology 1 | 28 | 28 | 0 | 56 | 4 |
| | Ophthalmology | 14 | 28 | 0 | 42 | 3 |
| | | | 158 | 232 | 0 | 390 |
| 10 | Anaesthesia and Intensive Care | 14 | 28 | 0 | 42 | 3 |
| | Family Medicine | 14 | 0 | 0 | 14 | 1 |
| | Internal Medicine: Endocrinology and Metabolic Diseases | 10 | 20 | 0 | 30 | 2 |
| | Paediatrics 2 | 28 | 28 | 0 | 56 | 4 |
| | Internal Medicine: Clinical Infectology | 14 | 28 | 0 | 42 | 3 |
| | Neurology 2 | 14 | 28 | 0 | 42 | 3 |
| | Internal Medicine: Nephrology, Hypertension | 14 | 28 | 0 | 42 | 3 |
| | Medical Genetics | 14 | 0 | 0 | 14 | 1 |
| | Psychiatry 2 | 14 | 28 | 0 | 42 | 3 |
| | Internal Medicine: Pulmonology | 14 | 14 | 0 | 28 | 2 |
| | Obstetrics and Gynaecology 2 | 14 | 28 | 0 | 42 | 3 |
| | | | 164 | 230 | 0 | 394 |

Final or „Rotational” Year

| Semester | Subject title | Lect. | Pract. | Sem. | Total | Credit |
|----------|----------------------------|----------|-------------|-----------|-------------|-----------|
| 11-12 | Internal Medicine | 0 | 284 | 16 | 300 | 9 |
| | Family Medicine Practice | 0 | 60 | 0 | 60 | 2 |
| | Paediatrics | 0 | 180 | 0 | 180 | 5 |
| | Neurology | 0 | 100 | 20 | 120 | 4 |
| | Emergency Medicine | 0 | 60 | 0 | 60 | 2 |
| | Psychiatry | 0 | 120 | 0 | 120 | 4 |
| | Surgery – Traumatology | 0 | 180 | 0 | 180 | 5 |
| | Obstetrics and Gynaecology | 0 | 180 | 0 | 180 | 5 |
| | | 0 | 1164 | 36 | 1200 | 36 |

| General Medicine | Lecture | Practice | Seminar | Total | Credit |
|--------------------------------|-------------|-------------|------------|-------------|------------|
| Obligatory subjects | 1631 | 3192 | 452 | 5283 | 288 |
| Non-obligatory subjects | | | | | 72 |
| Thesis | | | | | 20 |

Gradual training: General Medicine major (2016)

Recommended progress pace: 30 ± 3 credits/ semester

| | | | |
|---------------------------|--------------|------------------------|------------------------------------------------------------------------------------------------------------------------|
| Basic module | 1. semester | 22 obligatory credits | 360 * 15 % = 54-20 -> 34 elective credits (the 20 credits go for the thesis) 360 * 5 % = 18 optional credits |
| | 2. semester | 22 obligatory credits | |
| | 3. semester | 25 obligatory credits | |
| | 4. semester | 29 obligatory credits | |
| Preclinical module | 5. semester | 28 obligatory credits | |
| | 6. semester | 25 obligatory credits | |
| Clinical module | 7. semester | 21 obligatory credits | |
| | 8. semester | 25 obligatory credits | |
| | 9. semester | 28 obligatory credits | |
| | 10. semester | 27 obligatory credits | |
| Final or Rotational year | 11. semester | 36 obligatory credits | |
| | 12. semester | | |
| Thesis | | | 20 elective credits |
| Pre-degree certificate | | | |
| Final Closing Examination | | | |
| | | 288 obligatory credits | 72 non-obligatory credits |
| | | | Σ 360 credits |

Gradual training: General Medicine major

Types of check-ups

| Type of subject | Signature for meeting mid-term requirements | Mid-term check-up | Exam in exam period |
|-----------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------|
| Most of obligatory subjects | to be acquired | Mid-term check-ups | Qolloquium (exam) |
| | | | Final exam |
| Obligatory subjects as exam courses | Was granted earlier | Does not attend classes (none) | Qolloquium (exam) or final exam – as prescribed for the subject |
| Some of the obligatory subjects All elective and optional subjects | to be acquired | Mid-term grade granted upon mid-term achievement | none |
| Criterion requirements (incl. Physical Education courses) | to be acquired | Signature granted or denied based on mid-term achievement | none |

International recognition of the degrees

- ◆ Our School is listed in the World Directory of Medical Schools
- ◆ European Union: Hungarian medical university degrees are recognized in all EU Member States and Switzerland.
- ◆ UK: the UP Medical School diploma makes the doctors eligible to register as a doctor in the UK.
- ◆ USA: Hungarian graduates (as foreign graduates) have the right to pass the United States Medical Licensing Examinations (USMLE), after which they are eligible for residency.
- ◆ Canada: Hungarian graduates (as foreign graduates) are eligible to pass the MCCEE and MCCQE examinations before applying for residency.

International activities of the University of Pécs

58 bilateral agreements on 4 continents in 27 countries for student exchange, staff exchange, joint research projects

UP takes a leading role in international activities in Central Europe

- Active membership in different university associations (EAIE, EUA, DRC, Alps- Adriatic Association, Compostela)
- Operating the European Office of AUDEM (Alliance of Universities for Democracy)
- Founded a new European university network – University Network of the European Capitals of Culture (UNeECC)

Active participation in mobility programmes (Erasmus, CEEPUS, SYLFF, Atlantis)

International activities of the Medical School

- ◆ Erasmus+ Program (2014-2020)
agreement with more than 30 European universities
- ◆ Bilateral Exchange Programs for students and university staff –
joint research programs
Mainz, Kaiserslautern, Tokyo, Saitama, Zagreb, St. Petersburg,
Vienna, Graz, Martin, Cluj-Napoca etc.
- ◆ Grants for foreign research activities
for academic staff, medical doctors, researchers
- ◆ Science Without Borders Program
training of Brazilian students

The Janus Pannonius Clinical Centre



Béla Entz Clinical Educational Center



| | Wing A | Wing B | Wing C |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Basement (A) | Dept. of Nuclear Medicine | Radiology Clinic | |
| Ground floor 1 (M) | Outpatient consulting rooms (traumatology, vascular surgery, pain polyclinic) | Entz Béla Educational Center Regional Screening and Diagnostic Centre (radiology, endoscopy, orthopaedics, gastroenterology) | Dept. of Emergency Medicine (SBO) Burn Surgery |
| Ground floor 2 (F) | Outpatient consulting rooms (echo, cardiology, carotis US, angiology, ECG, ergometry, Endocrinology, haematology) | Regional Screening and Diagnostic Centre surgery, stroke polyclinic, Clinical Pharmacology examination room | Central Lobby |
| 1 st floor | In-patient dept. for 1 st Dept. of Internal Medicine: angiology, endocrinology | In-patient dept. for 1 st Dept. of Internal Medicine: angiology, cardiology | 1st Dept. of Internal Medicine: directorate, coronary ward, stroke ward Dept. of Neurology |
| 2 nd floor | Dept. of Vascular Surgery | 1 st Dept. of Internal Medicine: Gastroenterology | Dept. of Anaesthesiology and Intensive Therapy (AITI) |
| 3 rd floor | In-patient dept. for 1 st Dept. of Internal Medicine: haematology | In-patient dept. for 1 st Dept. of Internal Medicine: haematology, cardiology, gastroenterology | 1 st Dept. of Internal Medicine: intensive care, gastroenterology Surgery Clinic |
| 4 th floor | In-patient dept. for Dept. of Surgery | In-patient dept. for Dept. of Surgery | operating theatre 1-3 |
| 5 th floor | Dept. Of Orthopaedics Dept. Of Traumatology | In-patient dept. for Dept. of Surgery | operating theatre 4-6 |
| 6 th floor | In-patient dept. for Dept. Of Orthopaedics | In-patient dept. for Dept. of Traumatology | operating theatre 7-9 |
| 7 th floor | Dept. of Laboratory Medicine | Dept. of Traumatology: directorate | Dept. of Laboratory Medicine: directorate |

A Window
Aktívajla a W

MediSkillsLab simulation lab

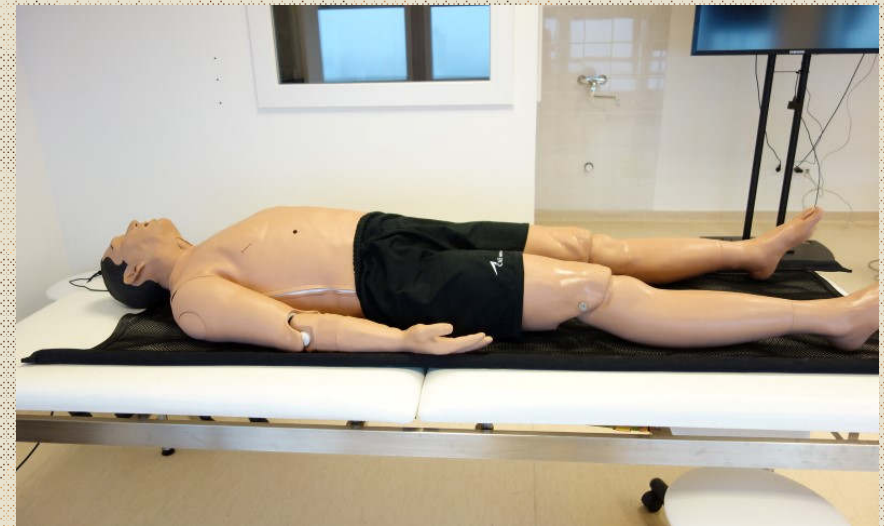


3D laparoscopy simulator



3D ultrasound simulator

METIman Patient Simulator



University Library & Knowledge Centre

