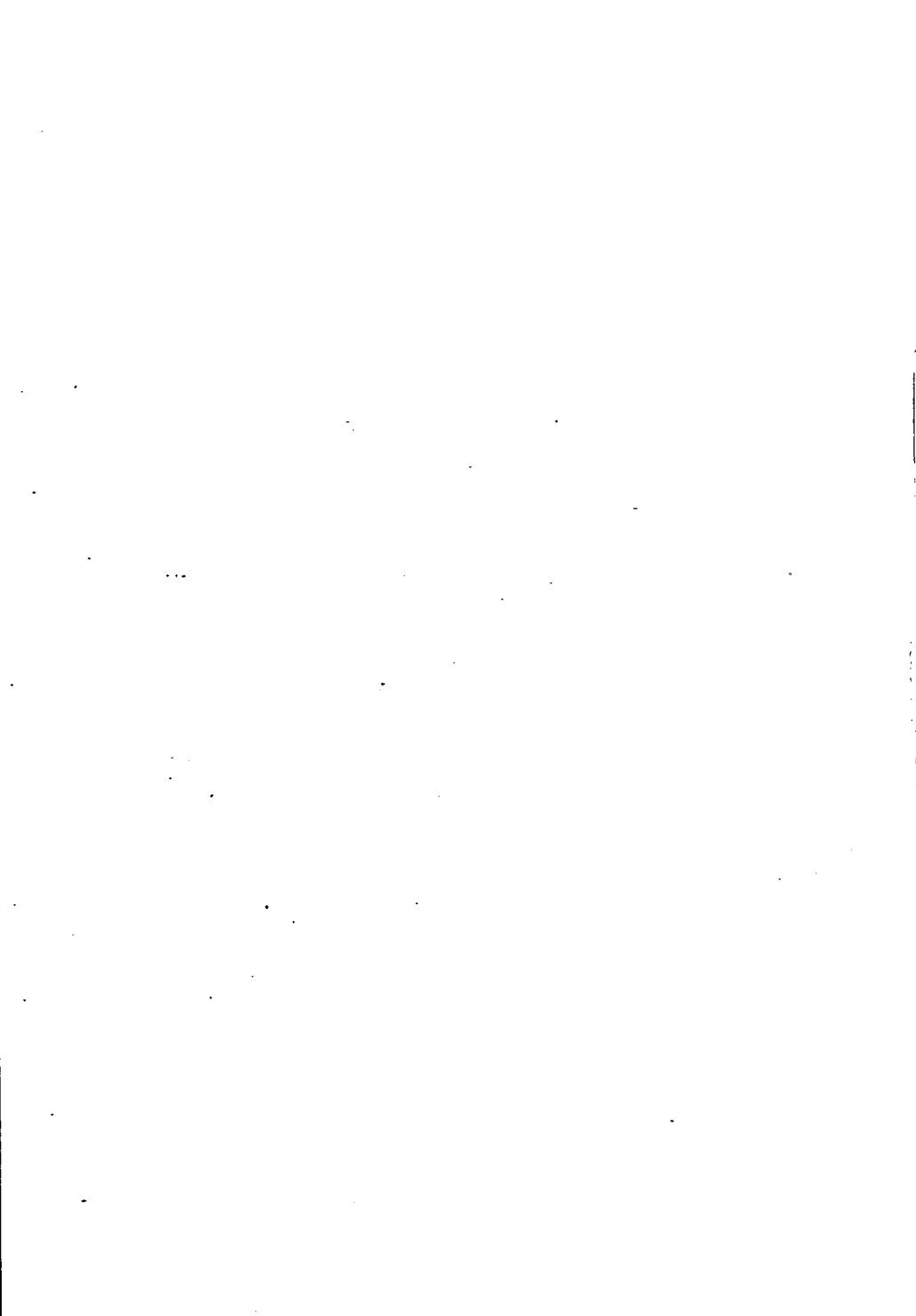




## CURRICULUM

Academic year 1993/94



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# **CURRICULUM**

**ALBERT SZENT-GYÖRGYI  
MEDICAL UNIVERSITY**

**ACADEMIC YEAR**

**1993/94**



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Published by  
the Rector of the Albert Szent-Györgyi  
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**HELYBEN  
OLVASHATÓ**

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Tipográfia:  
Készült:  
Törzsszám:

SZOTE rektor  
Dr. Dombi György egyetemi titkár  
SZOTE Orvosi Informatikai Intézet  
a SZOTE sokszorosítójában  
567/1993. SZOTE

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**MANAGEMENT**  
**OF THE ALBERT SZENT-GYÖRGYI MEDICAL UNIVERSITY**

(Szeged, Dugonics tér 13., T.: 324-022)

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**VICE-RECTOR FOR EDUCATION:**

Prof. LÁSZLÓ DUX, M.D., Ph.D., D.Sc.

Head of Department

**VICE-RECTOR FOR SCIENTIFIC RESEARCH:**

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Head of Department

Correspondent member of the  
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**VICE-RECTOR FOR CLINICAL AFFAIRS:**

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Head of Department

**SECRETARY GENERAL OF THE UNIVERSITY:**

GYÖRGY DOMBI, D.Chem., Ph.D.

associate professor

**GENERAL DIRECTOR FOR FINANCE AND MAINTENANCE:**

JÁNOS TAKÁCS

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**(THE SECTION OF DENTISTRY BELONGS TO THE FACULTY OF GENERAL  
MEDICINE)**

**(Szeged, Zrínyi u. 9., T.: 312-233/49, 312-529)**

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**Head of Genetic Center**

#### **VICE-DEANS:**

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**Head of Department**

**Prof. KRISTÓF FÜZESI, M.D., Ph.D.**

#### **HEAD OF THE DEAN'S OFFICE:**

**ANDRÁS LEDNITZKY, L.D.**

**Departmental Manager for Education**

**FACULTY OF PHARMACY**

(Szeged, Zrínyi u. 9. Tel.: 312-233/11, 312-186)

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Head of Department

**VICE-DEAN:**

ISTVÁN ERŐS, D.Pharm., Ph.D.  
associate professor

**HEAD OF THE DEAN'S OFFICE:**

Dr. ILDIKÓ JEREMIÁS (Mrs. Zsoldos), pharmacist  
Departmental Manager for Education

**COLLEGE FACULTY**

(Szeged, Temesvári körút 31. Tel.:431-649)

**GENERAL DIRECTOR:**

Prof. ÉVA SZÉL, M.D., Ph.D.

## ENGLISH SECRETARIAT

(Szeged, Zrínyi u. 9. Tel.: 312-233/11)

Head of Secretariat: Prof. BOTOND PENKE, D.Chem., Ph.D., D.Sc.

*Reception Hours:* Monday 10.00-12.00 a.m.  
Thursday 1.00-3.00 p.m.

Secretary: ILONA LANTOS  
Pharmacist

*Reception Hours:* Tuesday 1.00-3.00 p.m.  
Friday 10.00-12.00 a.m.

*Telephone:* 312-233/11

Chief Officials: ZSUZSANNA TÖRÖK  
ÁGNES BÖLÖNI  
ÁGNES ÓTOTT

*Reception Hours:* weekdays 10.00-12.00 a.m.

*Telephone:* 312-233/17

Official: ERIKA NÁTLY

## ORGANIZATIONAL UNITS OF THE UNIVERSITY

### **I. CENTRAL INSTITUTIONS AND LABORATORIES**

#### Institute of Social Sciences (TÁRSADALOMTUDOMÁNYI INTÉZET)

(Szeged, Szentháromság utca 5., Tel.: 310-530)

Director: Prof. FERENC BÁRÁNY, Ph.D.  
Head of Department

#### Institute of Foreign Languages (IDEGENNYELVI INTÉZET)

(Szeged, Szentháromság u. 5. Tel.: 310-530)

Dr. ÉVA DEMETER, language teacher  
Head of Department

#### Department of Physical Training (TESTNEVELÉSI TANSZÉK)

(Szeged, Dóm tér 5. Tel.: 312-608)

Head Instructor: Dr. LÁSZLÓ BOROS GYÉVI, M.Sc.

#### Medical Education Center (OKTATÁSTECHNIKAI KÖZPONT)

(Szeged, Dóm tér 13. Tel.: 312-053, 312-073, 322-131, 322-201, 322-211)

Acting Head of Department: Dr. ANDRÁS RINGLER  
assistant professor

#### Directorate of Students' Dormitories (KOLLÉGIUMOK IGAZGATÓSÁGA)

(Szeged, Eötvös u. 4. Tel.: 323-155, Director: 312-623)

Director: Dr. EMMA SZANTNER

#### Central Library (KÖZPONTI KÖNYVTÁR)

(Szeged, Tisza Lajos körút 109. Tel.: 321-055, Director: 321-605)

Director: ANDOR ZALLÁR, Ph.D.

#### Central Pharmacy (EGYETEMI GYÓGYSZERTÁR)

(Dóm tér 11. Tel.: 321-344)

Head Pharmacist: Dr. ISTVÁN BARCSAY  
pharmacist

Blood Transfusion Center (EGYETEMI VÉRTRANSZFÚZIÓS ÁLLOMÁS)

(Pécsi utca 4. Tel.: 310-018)

Head of Laboratory: Prof. GYÖRGY GÁL, M.D., Ph.D., D.Sc.

Central Research Laboratory (KÖZPONTI KUTATÓ LABORATÓRIUM)

Somogyi Béla utca 4. Tel.: 312-849)

Head of Laboratory: Prof. PÉTER KÁSA, M.D., Ph.D., D.Sc.

Department of Medical Informatics (ORVOSI INFORMATIKAI INTÉZET)

(Korányi fasor 9. Tel.: 311-084)

Director: Prof. ZOLTÁN HANTOS, Ph.D.

II. PRECLINICAL DEPARTMENTS

Department of Anatomy, Histology and Embryology

(ANATÓMIAI, SZÖVET- ÉS FEJLŐDÉSTANI INTÉZET)

(Kossuth Lajos sugárút 40. Tel.: 314-522, 314-557, Head of Dept.: 314-784)

Head of Department: Prof. ZSOLT LIPOSITS, M.D., Ph.D., D.Sc.

Department of Biochemistry (BIOKÉMIAI INTÉZET)

(Dóm tér 9. Tel.: 312-731)

Head of Department: Prof. LÁSZLÓ DUX, M.D., Ph.D., D.Sc.

Department of Experimental Surgery (KÍSÉRLETES SEBÉSZETI INTÉZET)

(Pécsi utca 4. Tel.: 311-422, 311-877, Head of Dept.: 314-437)

Head of Department: Prof. SÁNDOR NAGY, M.D., Ph.D.

Department of Forensic Medicine (IGAZSÁGÜGYI ORVOSTANI INTÉZET)

(Kossuth Lajos sugárút 40. Tel.: 314-875, 313-292, Head of Dept.: 314-229)

Acting Head of Department: Dr. TIBOR VARGA, M.D., Ph.D.

Department of Medical Biology (ORVOSI BIOLÓGIAI INTÉZET)

(Somogyi Béla utca 4. Tel.: 312-044)

Head of Department: Prof. JÁNOS SZABAD, Ph.D., D.Sc.

Department of Medical Chemistry (ORVOSI VEGYTANI INTÉZET)

(Dóm tér 8. Tel.: 311-976)

Head of Department: Prof. BOTOND PENKE, D.Chem., Ph.D., D.Sc.

Department of Microbiology (MIKROBIOLÓGIAI INTÉZET)

(Dóm tér 10. Tel.: 312-438)

Head of Department: Prof. ILONA BÉLÁDI, M.D., Ph.D., D.Sc.

Department of Pathology (PATHOLÓGIAI INTÉZET)

(Kossuth Lajos sugárút 40. Tel.: 314-522, 314-557, Head of Dept.: 314-156)

Head of Department: Prof. TIVADAR MIKÓ, M.D., Ph.D.

Department of Pathophysiology (KÓRÉLETTANI INTÉZET)

(Simmelweis utca 1. Tel.: 310-651)

Head of Department: Prof. GYULA TELEGDY, M.D., Ph.D., D.Sc.  
Correspondent member of the  
Hungarian Academy of Sciences

Department of Pharmacology (PHARMACOLOGIAI INTÉZET)

(Dóm tér 12. Tel.: 311-544)

Head of Department: Prof. GYULA PAPP, M.D., Ph.D., D.Sc.  
Correspondent member of the  
Hungarian Academy of Sciences

Department of Physiology (ÉLETTANI INTÉZET)

(Dóm tér 10. Tel.: 312-049)

Head of Department: Prof. GYÖRGY BENEDEK, M.D., Ph.D., D.Sc.

Department of Public Health (NÉPEGÉSZSÉGTANI INTÉZET)

(Dóm tér 10. Tel.: 311-954)

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Medical Genetic Center (ORVOSI GENETIKAI KÖZPONT)

(Somogyi Béla utca 4. Tel.: 311-177)

Head of Division: Prof. GYÖRGY SZEMERE, M.D., Ph.D., D.Sc.

Department of Biophysics (BIOFIZIKAI TANSZÉK)

(Egyetem utca 2. Tel.: 321-111) József Attila University

Head of Department: Prof. PÉTER MARÓTI, Ph.D., D.Sc.

Central Isotope Diagnostics Laboratory

(KÖZPONTI IZOTÓPDIAGNOSZTIKAI LABORATÓRIUM)

(Szeged, Korányi fasor 8. Tel.: 311-170)

Head of Laboratory: Prof. LÁSZLÓ CSERNAY, M.D., Ph.D., D.Sc.

Central Laboratory for Clinical Chemistry

(KLINIKAI KÖZPONTI KÉMIAI LABORATÓRIUM)

(Somogyi Béla tér 1. Tel.: 310-781)

Acting Head of Laboratory: Prof. LÁSZLÓ DUX, M.D., Ph.D., D.Sc.

Central Laboratory for Clinical Microbiology

(KLINIKAI KÖZPONTI MIKROBIOLÓGIAI LABORATÓRIUM)

(Somogyi Béla tér 1. Tel.: 310-981)

Head of Laboratory: Mrs. ERZSÉBET KOCSIS NAGY, M.D., Ph.D.

### III. CLINICAL DEPARTMENTS

Department of Dermatology (BÓRGYÓGYÁSZATI KLINIKA)

(Korányi fasor 6. Tel.: 321-011, Head of Dept.: 311-798)

Head of Department: Prof. ATTILA DOBOZY, M.D., Ph.D., D.Sc.

First Department of Internal Medicine (I. BELGYÓGYÁSZATI KLINIKA)

(Korányi fasor 8. Tel.: 311-688, 311-804, 311-033, Head of Dept.: 312-121)

Head of Department: Prof. JÁNOS LONOVICS, M.D., Ph.D.

Division of Endocrinology

(ENDOKRINOLÓGIAI ÖNÁLLÓ OSZTÁLY ÉS KUTATÓ LABORATÓRIUM)

(Korányi fasor 8. Tel.: 311-688, 311-804, 311-033, Head of Dept.: 311-651)

Head of Division: Prof. JÁNOS JULESZ, M.D., Ph.D.

Second Department of Internal Medicine (II. BELGYÓGYÁSZATI KLINIKA)

(Korányi fasor 6. Tel.: 321-011, Head of Dept.: 311-787)

Head of Department: Prof. MIKLÓS CSANÁDY, M.D., Ph.D.

Department of Neurology and Psychiatry

(IDEG- ÉS ELMEGYÓGYÁSZATI KLINIKA)

(Semmelweis utca 6. Tel.: 310-011)

Head of Department: Prof. ZOLTÁN JANKA, M.D., Ph.D.

Section of Psychiatry ((PSZICHIÁTRIAI CSOPORT)

(Semmelweis utca 6. Tel.: 310-011)

Head: Prof. ZOLTÁN JANKA, M.D., Ph.D.

Section of Neurology (NEUROLÓGIAI CSOPORT)

(Semmelweis utca 6. Tel.: 310-011)

Head: Prof. LÁSZLÓ VÉCSEI, M.D., Ph.D., D.Sc.

Section of Psychiatric Rehabilitation

(PSZICHIÁTRIAI REHABILITÁCIÓS CSOPORT)

(Pulcz u. 1. Tel.: 314-155)

Head: ZOLTÁN PETŐ, M.D., Ph.D.

Section of Medical Psychology

(ORVOSI PSZICHOLÓGIAI OKTATÁSI CSOPORT)

(SEMMEIWEIS UTCA 6. TEL.: 310-011)

Head: Prof. PÉTER MOLNÁR, M.D., Ph.D.

Department of Obstetrics and Gynaecology

(SZÜLÉSZETI ÉS NŐGYÓGYÁSZATI KLINIKA)

(Semmelweis utca 1. Tel.: 310-233, 310-672, Head of Dept.: 310-662)

Head of Department: Prof. LÁSZLÓ KOVÁCS, M.D., Ph.D., D.Sc.

Department of Stomatology (FOGÁSZATI ÉS SZÁJSEBÉSZETI KLINIKA)

(Tisza Lajos körút 64-66. Tel.: 312-455, 312-355, Head of Dept.: 312-187)

Head of Department: Prof. ALBERT MARI, M.D., Ph.D.

Department of Ophthalmology (Eye Diseases) (SZEMÉSZETI KLINIKA)

(Korányi fasor 12. Tel.: 310-822, 310-166, Head of Dept.: 312-321)

Head of Department: Prof. LAJOS KOLOZSVÁRY, M.D., Ph.D.

Department of Oto-Rhino-Laryngology (Ear-Nose-Throat Diseases)

(FÜL-ORR-GÉGE KLINIKA)

(Tisza Lajos körút 111. Tel.: 310-133, Head of Dept.: 310-141)

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Department of Pediatrics (GYERMEKGYÓGYÁSZATI KLINIKA)

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(Korányi fasor 8. Tel.: 311-033, Head of Dept.: 311-165)

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Department of Clinical Surgery (SEBÉSZETI KLINIKA)

(Pécsi utca 4. Tel.: 311-422, 311-877, Head of Dept.: 311-709)

Head of Department: Prof. ÁDÁM BALOGH, M.D., Ph.D.

Department of Anaesthesiology and Intensive Therapy

(ANESZTEZIOLÓGIAI ÉS INTENZÍV TERÁPIÁS INTÉZET)

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Division of Cardiac Surgery (SZÍVSEBÉSZETI ÖNÁLLÓ OSZTÁLY)

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Department of Orthopaedics (ORTOPÉDIAI KLINIKA)

(Simmelweis utca 6. Tel.: 310-011)

Head of Department: Prof. TAMÁS MÉSZÁROS, M.D., Ph.D.

Division of Traumatology (TRAUMATOLÓGIAI ÖNÁLLÓ OSZTÁLY)

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Head of Division: LÁSZLÓ SÁNDOR, M.D., Ph.D.

Department of Urology (UROLÓGIAI TANSZÉK)

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Head of Department: Prof. SÁNDOR SCULTÉTY, M.D., Ph.D.,

Department of Pulmonology (PULMONOLÓGIAI TANSZÉK)

(Deszk, Alkotmány utca 36. Tel.: 371-063)

Head of Department: Prof. PÁL KRASZKÓ, M.D., Ph.D.

IV. DEPARTMENTS OF THE FACULTY OF PHARMACY

Department of Pharmaceutical Chemistry

(GYÓGYSZERÉSZI VEGYTANI INTÉZET)

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Department of Pharmaceutical Technology

(GYÓGYSZERTECHNOLÓGIAI INTÉZET)

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Head of Department: Prof. EMIL MINKER, M.D., Ph.D.

Department of Pharmacognosy (GYÓGYNÖVÉNY- ÉS DROGISMERETI INTÉZET)

(Eötvös utca 6. Tel.: 312-233, 312-353, 312-888, 312-676)

Head of Department: Prof. IMRE MÁTHÉ, Ph.D., D.Sc.

## **REGULATION OF STUDIES AND EXAMINATIONS OF THE ALBERT SZENT-GYÖRGYI MEDICAL UNIVERSITY**

Academic Year 1993/94

Authorized by Act No. I of 1985 on education amended by Acts No. XXIII and LXVIII of 1990, as well as in the legal rules in enforcement, the Council of the Albert Szent-Györgyi Medical University, (Szent-Györgyi Albert Orvostudományi Egyetem, hereinafter: SZOTE) laid down the regulations of studies and examinations of the University as follows:

### ***CHAPTER I***

#### **GENERAL PROVISIONS**

##### **Force of the Regulation of Studies and Examinations**

(1) Force of the Regulation of Studies and Examinations covers — all the students admitted to any of the Faculties — Faculty of Medicine, Faculty of Pharmacy and College of Health Sciences — are in legal relationship with the University, as well as all the Department teachers and workers (employees). Furthermore, the provisions of the Regulation cover the guest students and teachers (paying regard to the provisions included in separate agreement between both institutions concerned). The teachers of the University charged with failing to execute the provisions of the Regulation, have to face disciplinary action;

- students of foreign citizenship partaking in fundamental training in Hungarian or any foreign language (except if otherwise provided by law or international treaty);
- students of foreign citizenship, paying tuition fees for their studies at the University in convertible currency (except if otherwise provided by law, international agreement or the University Regulation on Training). Any issues (study-, examination or disciplinary affairs) of student in this program, belong to the scope of the English program Secretariat in first instance (See: Annex 2).
- students taking part in partial training, professional practice or postgradual training or training longer than one semester (provided their studies form part of the fundamental training );

(2) Within the range of the present Regulation — with regard to the special features of the Faculty — the Faculties have the right to take special measures which, however, cannot be contrary to the provisions of the present Regulation.

### LEGAL RELATIONSHIP OF STUDENTS

(3) The student is in a legal relationship with SZOTE and is entitled to avail himself/herself of his/her rights and is obligated to comply with his/her duties.

(4) The rights of foreign students having paid a tuition fee in convertible exchange, partaking in fundamental training in Hungarian or any foreign language may — under the relevant legal rules — be restricted. They are not entitled to state benefits, scholarships and social subsidies provided for Hungarian students or foreign students pursuing studies under inter-governmental agreements in Hungary.

(5) Any Hungarian or foreign students of another institution of higher education having been granted a permission for cross-studying, unless otherwise provided by law, have the same rights as the students of SZOTE, except for financial subsidies.

### COMMENCEMENT, INTERMISSION, TERMINATION OF LEGAL RELATIONSHIP OF THE STUDENTS

#### Commencement of the students legal relationship

(6) The students legal relationship comes about on the date of the resolution approving admission (matriculation) or resumption of studies (re-admission).

(7) Being admitted to the institution of higher education, but prior to the commencement of his/her studies, the student of Hungarian citizenship takes an oath, while the student of foreign citizenship a solemn vow in the course of a ceremonial session of the University Council (Faculty).

Subsequent to taking the oath (vow) the person is received into the community of university citizens by the Rector or Dean by handshake.

(8) The student may exercise his/her rights based upon the students legal status from the date indicated in Paragraph (6), while a foreign student from the date of having complied with his/her payment obligation for the semester. Rights and liabilities arising from the university citizenship come into being by taking the oath (vow).

#### Intermission of the students legal status

(9) The students legal relationship is intermitted if the student

- a) does his military service prior to the commencement or in the course of his studies,
- b) has been granted a postponement in his/her studies,
- c) has been obligated to repeat the semester,

- d) has been deprived of the right to pursue studies for a definite time,
- e) is being called to account in a disciplinary or criminal action.

(10) While the students legal relationship is intermitted, the student may exercise some of his/her rights if entitled by law or an individual permission.

#### Termination of the students legal relationship

(11) The students legal relationship is terminated

- a) on the last day of the first state examination period subsequent to having acquired the leaving certificate (absolutorium);
- b) if the student, through a fault of his/her own, does not comply with his/her obligation of matriculation or the foreign student obligated to pay tuition fee defined in Curriculum.
- c) if the student has been, for insufficient study achievement or a disciplinary offence, dismissed;
- d) if the student applies for dismissal or transmatriculation into another institution of higher education.

#### Certificate on students legal status

(12) Upon first matriculation the Deans Office draws up a Student Identity Card (ID) testifying the students legal relationship with the University. The certificate is validated on matriculation every semester.

#### PERSONS AND BODIES RESPONSIBLE FOR STUDY AND EXAMINATION AFFAIRS

(13) In affairs concerning the interim study requirements as well as their compliance, the Head of Department concerned has the right to take a decision, after consulting the officials responsible for study matters, the leader of practicals and student representative of the Department. Against the decision no appeal is admissible, however, the student has the right to submit a complaint to the Dean of the Faculty who instructs the Educational Committee to investigate it.

(14) The Heads of the Departments, during the first week of the academic year, ensure that students be informed of the summary of lectures, the respective subjects, broken down to theoretic and practical lectures, the order of accounting (demonstration) and examination, the dates of interim recitations; the requirements to complete the semester the dates set for filling up the gaps; person of the lecturer subject-wise, the requirements of examinations; the examination questions; the possibilities to work in Students Scientific Circle. All the above have to be announced in the notice-board of the Departments.

(15) In student affairs as: study, examination, transmatriculation, parallel education, individual study order, cross-studying, partial education, study postponement, year deferment, permission for re-admission the Educational Committee (of defined number of members and composition elected by the Faculty Board) proceeds in the first instance. The President and Members of the Committee, elected from the teachers, are nominated by the Dean of Faculty, while the students by the Students Self-government.

(16) The Educational Committee is composed of a President and same number of Members delegated by teachers and the students, respectively. The Educational Committee

- a) is elected for two years (both the President and the Members);
- b) makes valid decisions only if at least three members are present;
- c) regulates its functional order itself;
- d) in case of a tie vote the President gives the casting vote;
- e) has no quorum if the representative(s) of the students is (are) not present;
- f) has the right to convey its authority to the President in affairs related to
  - semester deferment and denial of signature validating the semester;
  - parallel education and cross-studying;
  - approval of individual study orders;
  - re-admission;except if the right to decide is reserved for the Committee as a body;
- g) upon the suggestion of the Head of Department, decides in affairs related to denial of signature validating the semester.

The president submits a report to the Committee on the decisions made by him/her during the time from the previous meeting.

(17) No appeal from any decision of the Educational Committee lies, unless an infringement of law took place. Any decision of the Committee proving against the law is annulled by the Dean of the Faculty, and the Committee is instructed to make a new decision.

A complaint submitted against the decision of the Educational Committee does not affect other study obligations of student.

(18) Except for study affairs, the student has the right to lodge an appeal against the decision made by the body in first instance within 8 days. The appeal has a delaying force.

(19) No appeal lies from the resolution made by the Dean of the Faculty in second instance.

(20) Appeals (complaints) should be submitted in writing to the Dean's Office. The decisions and resolutions passed by the Educational Committee and the Dean, are drawn up by the Dean's Office. The decision is delivered by the Post or by special service. The day of delivery is considered as the day of announcement of the decision.

## CHAPTER II

### REGULATION OF STUDIES

#### SCHEDULE FOR ACADEMIC YEAR

(21) Within the academic year the lecture periods are defined by the Curriculum. The schedule and beginning of academic year, the term time, the length of examination period are appointed by the Rector on the grounds of the Curriculum:

- a) the academic year generally is of two semesters and the term time may not be less than 14 weeks.
- b) duration of lectures is 50 minutes with 10 minutes intermissions. Without intermission not more than two, in case of practicals not more than three lectures may take place. If requested by the students, intermissions may be dispensed with;
- c) the total number of lectures may not exceed 38 per week;
- d) the days of rest and national commemoration are school holidays. In addition, the Rector of the University may ensure a holiday of at least six uninterrupted days in autumn and spring, in such a way however, that teaching time as provided in par a) be available for obligatory lectures. Furthermore, the Rector is authorised to allow three days of teaching holidays to be held for the purposes of the Conference of Students Scientific Circle and the University Students Day, while the Dean of Faculty for field trip. In the latter case, measures should be taken so as to make up for lost term time;
- e) Examination term makes at least 30 working days but, depending upon the number of examinations, the Rector of University may provide a longer examination period in the annual Curriculum;

- f) the schedule for the next academic year should be fixed not later than by the 30th of June every year. The Students Self-government should be consulted in the appointment of academic holidays.

### **THE STUDENTS OBLIGATION TO MATRICULATE**

(22) In order to renew legal status the student matriculates every semester and, simultaneously has his/her student ID validated, except for the case provided in Chapter I, Paragraph (9).

The student is notified about the date of the first matriculation by the decision on admission. All subsequent matriculations take place after passing the last examination of the preceeding semester but not later than within five working days from the beginning of the academic year. Should the student fail to comply with his/her obligation to matriculate within 15 days from the beginning of the academic year, he/she has to be cancelled in the list of students of the institution of higher education.

(23) As a general prerequisite of matriculation, the student must comply with his/her study and examination obligations as provided by the Curriculum for the preceeding semester which is certified in his/her Book of Study Certificate (BSC). As a special prerequisite, the student must attest the fact of having complied with his/her obligation to pay tuition fee. The sum of tuition fee is defined by separate regulations.

(24) On the occasion of matriculation, the student registers for the lectures indicated in the Curriculum by entering them his/her BSC. The same holds for subjects selected from alternative ones — which become thereby compulsory — as well as the facultative subjects.

(25) Lectures in compulsory subjects and special courses, which can be selected and started if at least ten students, while in facultative subjects and special and facultative courses (language lessons) if at least five students have registered. If the number of partaking students becomes less than three, the course may be terminated.

(26) From lectures announced parallel with each other, the student may select

- a) in the 1st year if his/her achievement during admission fell into the first 25 per cent;
- b) from the 2nd year on, if in the previous semester his/her average study achievement was at least 4.00, or he/she was among the first 25 per cent in the study rank order of the year. Furthermore, the registration of that subject does not impede him/her in complying with other study obligations, and the number of members in the group concerned does not preclude him from joining it.

The application of that aim is submitted to the Dean's Office on matriculation and the Education Committee has the right to decide after consulting with the Head of the Department.

(27) Language of teaching with the exception of educational forms for students paying tuition fee under special law, is Hungarian.

At the Faculty of Medicine and the Faculty of Pharmacy education and training in foreign language for students of foreign citizenship is for tuition fee. The language of training is English. This education is separated from the regular and is called ENGLISH PROGRAM hereinafter.

For the students of ENGLISH PROGRAM it is indispensable to master the professional Hungarian by the end of to the 2nd year, so as to acquire practical knowledge in clinical subjects. A student who fails to master it, may not be admitted to the 3rd year.

#### INFORMATION ON THE REQUIREMENTS OF THE REGULATION

(28) The Rector issues a Curriculum (hereinafter: Curriculum) in order to inform the students on the study and examination order of the University; the various regulations; the scope of compulsory and facultative subjects; the order of accounting, time-table; the Departments of University; the name and activities of Department Heads and teachers.

The students upon their the first matriculation, while the class and group leaders every year can purchase in Dean's Office — with precedence — the Curriculum containing information on how to exercise their rights and, to comply with their obligations.

The Dean's Office informs the students about the actual changes in the study order.

(29) The lecturer gives information on the requirements concerning the subjects whose marks influence the qualification of the diploma (in addition to that included in the Curriculum), prior to commencing with the education.

#### PARTICIPATION IN THE LECTURES, ETC.

(30.1) The student is expected to attend the lectures defined in the Curriculum and registered in their BSC in compliance with the relevant rules.

(30.2) Attendance at the lectures is not compulsory, but the subject-matter may be required.

(30.3) Non-attendance at practicals may not exceed 20 per cent of the total time of practicals in the given subject during the semester.

(30.4) Upon the student's application the Educational Committee, in conformity with the provisions of Paragraph 44 of the Regulation, may approve the adoption of an individual study program but — except for case of a trip abroad — it may not exempt from obligations of interim accounting and examinations.

(30.5) Absence from practicals can be made up for, in the way as provided by the Head of Department, up to the beginning of the examination period.

(31) The order the practicals during the summer and the clerkship year is laid down by the Dean of Faculty advised by the Heads of Departments.

(32.1) Absence longer than that indicated in Paragraph (30) and not permitted previously, but excused by referring to a strong reason, can be approved subsequently by the Dean of the Faculty after consulting the Head of Department concerned. No appeal lies from his decision.

(32.2) In case of absence from compulsory lectures certificate should be presented by the student to the official responsible for study matters of the Department concerned within one week from the last day of absence.

(32.3) Having been absent for illness, the student should present medical certificate issued by an authorized official. Medical certificate cannot be accepted unless the item number in the medical recording, the code number (or denomination) of the disease, the day of beginning of illness and recovery are indicated.

(32.4) An absence for public interest — e.g. election, recruiting, official university program, entering for a competition, etc. — may be approved by the Head of the Dean's Office, if the span of time does not exceed five working days, and by the Dean, if it does (*Note: In English Program the Head of Secretariat gives approval*).

(33) Students involved in parallel education or studying in compliance with an individual study program may be granted a partial exemption, from attending compulsory lectures of certain subjects. In such cases the Educational Committee has competence to make a decision, upon the request of the student and consulting with the teacher of the subject.

### INTERRUPTION OF THE STUDIES

(34) Upon request, studies can be interrupted by deferment or year-rest. The Educational Committee is entitled to approve the request, informing the student on the conditions of reassuming his/her studies.

(35) A student admitted to the 1st year, if grounded and attested or appreciable reasons of personal nature (such as chronic disease, entitlement to maternity leave subsidy, long-lasting disease of the child, study-tour abroad, military service) exist, may apply for a year deferment considering the beginning of the studies it, however, may not exceed 2 years.

A study postponement, up to the next academic year, may be applied for also by the student who has closed the semester successfully but is unable to continue the studies for any of the reasons above or to comply with his/her obligations, under an individual study program owing to a partial education of special target abroad.

(36) The student entitled to maternity leave may apply for a year deferment — for the tenure entitled. This period cannot be included in the 2 years deferment as per Paragraph (35).

(37) During studies, the student obligated to repeat a semester may apply for a year repose at most on one occasion. Having the semester to be repeated commenced there is no possibility for such a repose.

A student with extraordinary personal or family circumstances has also the right to apply for a year deferment. (The application should contain the underlying reasons attested. In such a case, the year repose may be granted even if the student could not close the semester.) A student not pursuing his/her studies in spite of not having been granted to interrupt the studies, is straked from the register of students.

(38) The student having been granted a year deferment has the right to attend lectures and practicals with the approval of the Education Committee or the Head of Department concerned. In such a case the student is liable to pay fee for the use of means and instruments.

### TRANSMATRICULATION

(39) The student who has completed and closed one academic year successfully and whose legal relationship has not been terminated by dismissal or sending down for a disciplinary offence, may apply for transmatriculation to the same or another Faculty of another Medical University, or to another institution of higher education. Further conditions of transmatriculation are defined by the institution of higher education where the legal relationship of the applicant continues.

(40) The student of the same Faculty or Branch of another University has the right to apply for transmatriculation without taking an entrance examination to SZOTE, if completed at least one academic year (two semesters) successfully, provided neither the conditions of the termination of students legal relationship nor those of dismissal exist at the date of transmatriculation, and he/she has not been obligated to repeat the semester. The resolution on transmatriculation refers to the conditions of continuing the studies. In other cases — i.e. when transmatriculation is from another institution of higher education or another Faculty or Branch of University — a successful entrance examination is required for approval to transmatriculation.

(41.1) Within SZOTE, a transmatriculation between the Faculty of Medicine and the Department of Stomatology is possible since the Curriculum of the first four semesters is identical; the score made at the entrance examination or that sufficient for admission to the Branch striven after, is considered along with the average of marks making 4.00 at least at the examinations of the four semesters. For a student transmatriculating from the Stomatology to the Faculty of Medicine the achievement of entrance examination, and an average examination mark of at least 4.00 is required. Changes or transmatriculations between both Branches may not exceed 20 per cent of all the students of the Branch for Dentistry. In case of dispute the rank order of the class shall govern. *(Note: This option does not apply for students of English program.)*

(41.2) Transmatriculation from the Faculty of Pharmacy to the Faculty of Medicine is possible if the student takes a new entrance examination.

(41.3) Condition of transmatriculation from the Faculty of Medicine and Faculty of Pharmacy to the Faculty of Health Visitors of College of Health Sciences is a successfully closed semester; provided neither the conditions of the termination of students legal relationships nor those of dismissal for disciplinary reasons exist. To the Faculty of Physiotherapy students of the Faculty of Medicine and both other College Faculties may transmatriculate if the subjects of the previous entrance examination were identical with those required by the Branch and their scores attained the minimum requirement at the Branch and they completed two semesters successfully. *(Note: These options are not available for students in the English Program.)*

(42) Enclosed with the application for transmatriculation, BSC should be submitted and a declaration of the University or Faculty on the approval of leave, or a certificate on scores at the entrance examination in conformity with Paragraph (41).

(43) In approval of transmatriculation the Educational Committee of the admitting Faculty has priority. In case of infringement of law, the Dean of the Faculty is entitled to decide in second instance. No appeal lies against the Dean's resolution.

#### INDIVIDUAL STUDY PROGRAM

(44) Individual study program may be approved at the Faculty Medicine of SZOTE from the 4th year while at the Faculty of Pharmacy from the 3rd year, if the applicant had an average achievement over 4.00 in the preceeding semester and displayed an outstanding ability in one of the subjects as certified by the Head of Department.

(45) From the second year on, at any Faculties of SZOTE, individual program may be approved for an appointed demonstrator, assistant lecturer or for a student partaking, in parallel or partial education at a home or foreign University, and for students displaying an outstanding work in Students Scientific Circle and are supported by the Head of the given Department. If circumstances change, approval may be withdrawn.

(46) Individual study program may be approved in consideration of the student's circumstances worth of special judgement; such as childbirth, child-care, cross-studying, sports competition at a high level etc.

(47) Upon the request submitted by the student, individual study program may be approved by the Educational Committee for one semester (in case the appointment of a demonstrator is for the actual academic year). If necessary, the Committee consults with the competent Department.

In the application, the way of realising individual study program is to be set forth in details. If the student fails to get through the examinations in compliance with the general order by end of the examination term — except if the failure is not ascribable to him/her — the approval of individual study program is withdrawn.

(48) Upon approval, the student may be released fully or partly from participating in the compulsory lectures, and may pass the examination prior to or after the commencement of the examination period. He/she may register subjects of the subsequent study period in advance or may make up for them later on. He/she may close the study period sooner, may comply with interim requirements of certain subjects, as approved, at institutions of higher education inland or abroad (not affecting only postponing the obligation to take examinations at the University). No full exemption can be granted from the study obligation in subjects where, according to the Curriculum, practicals are compulsory beside the lectures, except, if the student passed an examination in that subject at proper level during his/her previous studies.

(49) Preparation for examinations in individual study program should be supported by the Departments of the University through consultations and specialized lessons.

(50) No graduation is possible at the SZOTE under individual study program.

(51) The decision approving an individual study program is drawn up by the Dean's Office. The approval should include the releases, the advantages, study and examination obligations.

A complaint against the decision may be submitted to the Dean of the Faculty in second instance. No appeal lies against the Dean's resolution. (*Note: No individual study program can be approved for student of English program.*)

#### PARALLEL EDUCATION

(52) The student taking part in parallel education pursues studies at least two institutions of higher education, and after successful completion diploma is granted by each of the institutions.

Considering their particular Curricula and requirements of subjects, no student can be admitted to either the Faculty of Medicine or to the Faculty of Pharmacy for parallel education. However, any student of the University may, if granted an approval of individual study program and has achieved an average mark over 4.00, take part in parallel education. Applications to this end are judged by the Educational Committee as a body in first instance. Complaints can be submitted to the Dean of the Faculty as authority in second instance. No appeal lies from the Dean's resolution. (*Note: This option does not apply for students in the English program.*)

### CROSS-STUDYING

(53) Any student of the University has the right to take part, without particular approval, in lectures at any institution of higher education, provided they do not clash with compulsory lectures. Cross-studying for students participating in individual study order is permitted by the receiving institution.

(54) The students of the Faculty of Medicine and the Faculty of Pharmacy may attend under individual study program — by cross-studying — the lectures of the ENGLISH PROGRAM. Their participation however in that education may not exceed one quarter of the compulsory requirements of Curriculum for the given academic year, and their number the 10 % of students in the English program.

(55) With the view of keeping professional secret of physicians and pharmacists, students of other institutions of higher education have no right to attend the lectures, and practicals, unless permitted by the Educational Committee which consults with the Head of the Department concerned. The decisions made in cross-study affairs should include all the conditions.

(56) The subject attended in cross-studying, and the mark obtained are entered in the register of students. The subjects are recorded and the mark of the examination in the student's BSC. The Dean's Office of the concerned Faculty should notify the Registrar's Department of the competent University on the achievement. Marks obtained in cross-studying are not taken into account in the average of achievement. *(Note: This option does not apply for students of the English Program.)*

### EXEMPTION FROM STUDY AND EXAMINATION OBLIGATIONS

(57) It is the Educational Committee that has the authority to grant exemption from study and examination obligations on the suggestion of the Department. Exemption may rely upon a diploma, BSC or other document testifying equivalency in the subject. Since the equivalence of subject as a basis of exemption is concerned the position formed after comparing the Curricula and Programs, governs. When exemption is granted from interim study obligation, a supplementary examination may be prescribed. The decision issued by the Educational Committee should include detailed reasoning. Any complaint against such a decision can be submitted to the Dean of the Faculty. No appeal lies from the Dean's resolution.

### CHAPTER III

#### PROVISIONS RELATED TO THE TESTING OF KNOWLEDGE.

##### EXAMINATION RULES

##### SIGNING OF THE BOOK OF STUDY CERTIFICATE (BSC)

(58) The conditions of signing BSC are defined by the Head of Department as provided the Curriculum. The students concerned are informed at the first lecture of the actual semester. The requirements may not be altered from the commencement of the actual educational period.

(59) In case of excused absence, the Head of Department has the right to demand to make up for the missed practicals as condition of signing. The time of making up should be appointed so that the student, if complied with this obligation successfully, can begin the examinations on the first day of examination term.

Intention of rejection of signing the BSC or a "failed" mark in practical should be imparted to the student in the week before the last of the term. A "failed" mark in practical subject can be made up for prior to the commencement of the examination period. Subsequent acquisition of a mark in practical subject is possible only once; no additional making up can be permitted.

(60) As a prerequisite of admitting students to examination is to be proven by signatures of the lecturers in the BSC, that the requirements of that semester have been met in the subject concerned. Student whose absence has exceeded 30 days in any subject, or for whatever reason, can be obliged to repeat that semester.

A general condition of admission to examination is to comply with the obligation of paying tuition fee in advance.

(61) The rejection of signing the student's BSC should be indicated therein with the note "signing rejected".

(62) Rejection of signing BSC in case of not complying with the obligation to attend any alternative subject, seminar or practical lesson is equivalent with the refusal in respect of compulsory subjects, since by entering it in BSC, attendance becomes obligatory.

### EXAMINATION PERIOD

(63) The student should sit for examinations during the examination period of the actual semester (unless otherwise provided in the individual study program.)

(64) It is the authority of the Rector of the University to define — in concert with the Students Self-government — the examination period in the Curriculum. The period and schedule of examinations should be fixed such a way that the students may take the examinations proportionally distributed and may attempt to repeat examination within the examination period.

During examination period the Departments are expected to ensure — if the number of students justifies more than three days for the repeat examinations — with consideration to the number of students to sit for repeat examination a day and to those who have to repeat more than one subject.

(65) The Head of the Department or the lecturer of the subject is to appoint the days for examination — indicating also the number of students — at least 4 weeks prior to the examination.

(66) The students take examination in accordance with an individual or collective schedule. The deadline of enrollment for examination is six days before the examination period. The Head of the Department is responsible to post up the list of students taking examination, indicating also the date appointed three days prior to the examination period.

(67) Change in the appointed date is possible in the way specified by the Faculty or Department concerned up to the working day prior to the day appointed. Any change within the examination period should be approved by the Head of the Department. This authority can be conveyed but, the students and the Dean's Office of the Faculty should be notified.

(68) Students who — for any reasons beyond their control but properly certified — are not able to take the examination during the examination period, may be permitted by the Educational Committee (or its President if authorized) as well as by the Dean of the Faculty to take the examination out of the examination period. Such examination can be considered as passed during the examination period. An examination approved to be taken out of examination period does not exempt from the obligation to attend the compulsory lectures, practicals of the actual semester. The last date may not be more than eight days from the commencement of the academic year.

(69) With approval of the Educational Committee (or its President if authorized) as well as that of the Dean of the Faculty, the student may sit for examination in subject provided in the Curriculum both in the course of the term time preceeding the examination period or in the subsequent examination period. Examination that has been commenced should be completed up to the end of the same examination period, except if the reason for not doing so is not ascribable to the student and is duly excused.

### THE ORDER OF EXAMINATION

(70) The student should appear and take examination, at the time appointed for the examination during the examination period. In justified cases he/she has the right to apply to the Department concerned for changing the date, but not later than on the working day preceeding the date of examination. For any application for a postponement of examination in the same subject within the same examination period, the student should pay a proceeding fee to the Dean's Office. No change of date is approved unless the receipt on the fee is presented to the Department concerned.

(71) Reason of absence from the examination should be certified with proper documents submitted to the Dean of the Faculty within three days from the date of examination. Subsequently, absence cannot be excused by the Dean unless substantial reasons exist. In case of justified absence the student — presenting the Dean's permit — may select another date for the examination in accordance with the Department concerned.

(72) If the student's absence is unjustified a remark "failed to appear" is entered in the BSC which can be superseded with the permission of the Dean. Unjustified absence is counted to the number of the examination in the given subject. Absence is indicated in the examination sheet and entered in the BSC by the official of the Dean's Office when the proceeding fee is paid.

(73) Any unsuccessful examination can be repeated on any examination day appointed and not filled up within the examination period. The examiner checks the receipt on the payment for the fee of repeat examination; failing the receipt, the student may not take examination. If no free day of examination is available, the Head of the Department concerned has to appoint an additional day within the actual examination period.

(74) If the examiner is hindered, the Head of the Department has to appoint another examiner and to take care of beginning and continuity of examination.

(75) Verbal examinations are open but in cases where a patient and the related documentation are involved, the examination may be held behind closed doors in order not to infringe the official secrecy of physicians and/or pharmacists; publicity may be restricted to students, physicians and pharmacutists having made an oath.

(76) The student is always allowed to prepare himself/herself briefly before answering the question.

(77) The examiner or the Head of the Examination Board is responsible for the undisturbed and the quiet atmosphere of examination, but has no right to refuse the admittance of the public unless extraordinary circumstances prevail. When making the examination schedule, care should be taken not to keep the students waiting for more than three hours.

(78) Closing examination (also in foreign language) is made before a Board of at least two members and a record is to be written in the Examination Book.

(79) If the examination was conducted by one examiner.

- a) the first repeat examination — upon the student's request — should be taken before another examiner or a Board;
- b) the second repeat examination should always be taken before a Board.

(80) The Examination Board (examiner) is appointed by the Head of Department in concert with Council of Department or the Body exercising the authority.

- a) Examiners, or Presidents of the Examination Boards are from university professors, associate professors, scientific advisors, honorary professors or honorary associate professors of the University, while the members of the Examination Boards can be assistant professors or senior research associates. If the above listed examiners are prevented, assistant professors or senior research associates may exercise the rights of examiners in end-semester-examinations ("colloquiums").
- b) Upon the suggestion of the Head of Departments the Dean of the Faculty may authorize other qualified University lecturers or invited lecturers and in exceptional cases, assistant lecturers.
- c) Rights of examiner can be conveyed to assistant lecturers or demonstrators having spent at least three years at a preclinical Department — in case of practical examination or accounting, if the staff members listed in pars a) and b) are prevented.

(81) In case of second repeat examination, Head of the Board is appointed by the Dean of the Faculty.

- a) by the five grade system: very good (5)  
good (4)  
acceptable (3)  
passed (2)  
failed (1)
- b) by the three grade system: — met requirements /High mark (METRE/H)  
— met requirements /Passed (METRE/P)  
— not met requirements (NOTMETRE)

(87) Major forms of accounting of the subjects at SZOTE are as follows:

(i) Practical mark (practice evaluation) may be prescribed by the Curriculum if the practical application of the subject and the ability to apply it is necessary and possible, regarding the objectives of the training. The student has to meet the requirements of the subject evaluated with practical mark within the educational period (the term time). The practice is evaluated, according to the provisions of the Curriculum, by a five or a three grade system, respectively. Practical mark has a force of failure, but is not taken into account when the number of unsuccessful examinations are considered. Achievement at the interim accounting (demonstration) may be taken into consideration when calculating practical mark, but no additional "minor examination" of summarizing nature is required for practical mark.

(ii) End-semester-examination means, in general, a comprehensive accounting of a subject, covering one semester of teaching. Knowledge acquired in a certain subject is tested on the basis of subject-matter defined on the first lecture of the semester. End-semester-examinations are, partly or fully verbal. As a part of the examination, a practice may also be prescribed, however, it has no force of failure but forms a part of the examination. End-semester-examinations are evaluated by a five grade system.

(iii) Closing examination means an accounting form for a subject, covering and closing two or more term times. Closing examinations are evaluated by a five grade system. Closing examination in a language is composed of writing and verbal parts. The verbal examination is taken before a Board whose Head is appointed by the Dean of Faculty. The specialized examiner is appointed by the Head of the Institute of Foreign Languages.

(iv) Final examination means an accounting which covers and closes an entire subject of fundamental importance for objectives of the training. The Curriculum may prescribe a joint accounting of several subjects at same final examination. The examination is fully, or partly verbal. Where the application of knowledge is required practical accomplishment may also be a part of the examination which has no force of failure, but its evaluation is included in the mark of examination. Final examinations are evaluated by a five grade system. If the student passes a final examination at the end of the academic year, no other form of accounting in the subject concerned — except for the evaluation of practice — can be required. If a special examination period is provided for the final examination, an end semester-examination may also be required in the subject-matter presented during the last term time.

(88) In respect of a subject selected compulsorily from alternative ones, provisions of sub-paragraphs 1 to 5 in Paragraph 87, respectively, apply as to the form of accounting.

(89) The Curriculum may prescribe practice evaluations or end-semester examination from the facultative subjects, which, however, are not taken into account when the number of compulsory examinations is considered. If no accounting is prescribed by the Curriculum, the lecturer may certify the attendance of lectures by signing the BSC.

(90) In addition to the forms of testing listed in Paragraph (87), other forms of accounting, following the objectives of training, can be required.

Such forms of interim accounting at SZOTE are as follows:

(i) Accounting (demonstration) where work of the student in the program of a subject during a given time period is checked in writing, orally or in any other way. The person conducting the accounting is appointed by the Head of the Department from those defined in Paragraph (80). Accounting is an interim form of testing. In one subject not more than three accountings (demonstrations) can be required in one semester. For the same class, not more than two accountings can be organized in a week. Accounting is evaluated by five grade system. Omitted or unsuccessful accountings (demonstrations) have to be made up for by the end of the examination period, therefore, the Head of the Department is responsible of rendering it possible. If a semester is closed with an examination of force of failure, and the student complied with the practical part of subjects as provided in the Curriculum, the semester is to be accepted even if the accounting(s) omitted have not been made up or not passed when repeated. Demonstrations are performed according to the schedule fixed in the Program. Repeated demonstrations should be accomplished at separately appointed time.

During the briefing on the requirements on the first week of study, the order and expectations of accountings should also be outlined.

(ii) The basic proficiency examination in a language is also evaluated by the five grade system, — and it can be taken either in the term time or in the examination period; repeat examination can be taken in an unrestricted number. They are not taken into account in the average achievement and can be repeated on one occasion after a semester passed.

(91) If the student takes the closing examination in a language prior to the time as prescribed, the mark achieved is counted in the average study achievement of the semester during which he/she passed it.

(92) For the student having passed a state examination of medium or top grade in a foreign language, the examination of "C" grade is taken into account in the average study achievement in the time defined by the Curriculum.

(93) For the student passed the state examination of medium or top grade in two or more foreign languages, the second examination is taken into account in the average achievement of the year of closing examination in the language, or in the average achievement subsequent with a mark "excellent".

(94) The compulsory professional practice of the student is evaluated by the three grade system in compliance with the provisions of Curriculum.

#### OFFERING A MARK, EXAMINATION BROUGHT FORWARD

(95.1) In subjects where accounting, mark of practice or end-semester-examination is required and subjects are completed in seminars (practice), furthermore in subjects where work is done only in seminars (practice), the lecturer considering the work done by the student and his/her achievement in the course of the year, his/her scientific work in student's scientific circle or his/her accomplishment at the student conference, may

(i) offer him/her

- a) an evaluation met requirements/H or met requirements/P,
- b) a mark "very good" or "good", the student is not obligated to accept the offered mark or evaluation and has the right to apply for admission for examination;

(ii) If the examination is composed of several parts, the Head of the Department may exempt the student, from practical or written examination upon suggestion of the instructor.

(95.2) With assent of the Head of the Department and the Dean of the Faculty the students, if attended the obligatory number of lectures, may take an examination brought forward. Such an examination does not exempt the student from the obligation to comply with the requirements of other subjects. Otherwise, examination brought forward are governed by the Regulations of Studies and Examinations.

#### REPEAT OF FAILED EXAMINATIONS

(96) If an examination proves unsuccessful, the examiner enters the mark NOT METRE or the evaluation unsatisfactory in the student's BSC.

(97) The student has the right to attempt a repeat examination two times, each after a defined time of waiting.

Compulsory preparation time up to a repeat examination may not be less than two days if an end-semester-examination and three days if a final or a closing examination is in question, respectively. No student can be obligated to wait for longer time. Between repeat examinations taken post-examination period, the student cannot be obligated to keep a preparation (waiting) time.

(98) In the 6th year of the Faculty Medicine (clerkship year) the student has no right to take a repeat examination, unless repeats previously half of the professional practice. The student is not entitled to commence with the practicals of the subsequent subjects until the final examination in the preceeding subject is passed. The Dean of the Faculty has the right to approve, with the consent of the Head of the Department concerned, a one-time exemption in the year of final examination and to admit the student to a repeat final examination after the expiry of waiting time.

(99) A failed examination can be repeated in the same examination period only, except if a year deferment has been approved by the Educational Committee upon individual request.

(100.1) Number of failed examinations may not exceed 12 by the end of the first six semesters in the Faculty of Medicine, and 11 failed examinations by the end of the first five semesters at the Faculty of Pharmacy. In these numbers every repeat examination with force of failure should be considered.

(100.2) If the number of repeat examinations of the student exceeds that defined in Paragraph 100.1, the Dean or the Deputy may strike off his/her name from the list of students without any particular procedure.

(100.3) Against dismissal as per Paragraph (100.2), an appeal in writing can be submitted to the Rector of the University in which the student concerned describes the reasons of the complaint in details; such an appeal, however, may not be admitted if an infringement of law took place.

(100.4) The appeal is to be submitted to the Dean's Office of the Faculty addressed to the Rector and is forwarded by the Dean of the Faculty, after providing it with his/her opinion, to the Rector of the University. BSC and other documents related to the student should be enclosed.

(100.5) Regarding the provisions of Paragraph (100.1), examinations having force of failure means all the accountings, end semester examinations, final examinations, those brought forward or deferred are to be evaluated by fivegrade system.

(101) In case of transfer to another Faculty or transmatriculation from another institution of higher education, the unsatisfactory marks obtained in previous examinations are taken into account only if obtained in subjects to be studied at the new Faculty too. Closing mark is taken into consideration and the student is exempted from the obligation to study and take examination in that subject.

(102) Unsatisfactory mark obtained for the practical work during the year is taken into consideration when calculating the average of achievements and the term time becomes void, the mark, however, is taken into account when calculating the number of unsuccessful examinations.

(103) If the summer or interim practicals have not fully or partly been complied with, the student — unless beyond his/her fault — has no right to matriculate for the next term. The same holds for students having failed in practical.

#### IMPROVEMENT OF A SUCCESSFUL EXAMINATION

(104) If the student has the intention to correct the evaluation or mark obtained, he/she has the right to sit for another examination in one subject in each period of education. The examination aimed at improvement can be accomplished in the examination period according to the rules of repeat examination.

(105) The evaluation of the repeat examination is definitive. Examination aimed at correction are recorded in both the BSC and the examination sheet in such a way that they can be distinguished from other marks or evaluations.

#### CALCULATION OF AVERAGE STUDY ACHIEVEMENT

(106) Accomplished semester is certified by the Head of the Dean's Office in the BSC.

(107) The forms of accountings and marks taken into account when calculating the average achievement are defined by the Curriculum.

(108) Final language proficiency examination (or State examination in language) is taken into account as formulated in Paragraphs (91)—(93).

(109) Mark "failed" is disregarded when calculating the average achievement if corrected at a repeat examination during the examination period.

(110) Marks obtained at examination of cross-studying are not taken into account when calculating the average achievement, unless the alternative subject attended as a facultative is considered compulsory examination.

(111) The average achievement of a student pursuing studies under individual study program is calculated on the basis of the examination passed in the actual semester.

(112) From marks obtained as cited in Paragraph (105), the final mark is counted in the average except if it was "failed" but was corrected by the student.

(113) The average achievement is calculated by considering marks obtained in subjects as provided by the Curriculum; the calculation should be made up to two decimal points. The average entered the BSC of the student and in the Register Book.

(114) It is the Dean's Office authority to keep the Register Book, to check the marks in the BSC and the examination sheets, and to calculate and enter the average achievement.

(115) The average achievement is

- |  |              |
|--|--------------|
| a) "eminent", if the average is                              | 5.00         |
| b) "very good", if the average is                            | 4.51 to 4.99 |
| c) "good", if the average is                                 | 3.51 to 4.50 |
| d) "acceptable", if the average is                           | 2.51 to 3.50 |
| e) "passed", if the average is less than                     | 2.51         |
| f) "failed", if the student could not correct a failed mark. |              |

(116) If the student has passed all the examinations to be taken during the examination period and has complied with all the other requirements as provided by the Curriculum, the average achievement has been entered in the BSC, the Dean or his/her Deputy validates the accomplishment of the educational period with his/her signature (i.e. close, accept).

### REPETITION OF EDUCATIONAL PERIOD

(117) The student must repeat educational period if:

- a) the Head of the Department concerned, or the lecturer in charge teaching a subject, rejects signing the BSC suggesting not to accept the semester and which then is confirmed by the Educational Committee;
- b) "signing rejected" remains in force even after the consideration of the appeal relying upon an alleged infringement of law;
- c) he/she who has not sat for all the compulsory examinations successfully in the examination period of the semester concerned;
- d) he/she who has not complied with his/her obligation to accomplish interim or summer practical or the practical mark is "failed".

(118) Student repeating the education period is exempted from the obligation to attend the lectures, and to sit for an examination in subjects — except for the cases provided in Paragraph (122) — in which he/she has passed the examination successfully.

(119) When the average achievement of a student repeating the semester is calculated, the mark obtained in an examination from which he/she has been exempted is considered as a mark obtained in the examination period of the semester repeated.

(120) The student repeating a semester may attend lectures and practicals only with the permission of the Educational Committee in the education period exempted from immatriculation (year-deferment, in both semesters). During such a semester, however, he/she is must pay tuition-fee (fee of semester repetition) but has the right to sit for examination at the end of the semester, since his/her students legal status is intermittent.

### DISMISSAL FROM THE UNIVERSITY

(121) The student must be dismissed from the University if:

- a) he/she closed the repeated period of education without success;
- b) he/she should repeat an education period for study reasons for the second time during the time of training;
- c) he/she got failed marks of number as specified in Paragraph (100) during the first half of training,
- d) he/she did not comply with the obligation to immatriculate up to the term defined in Paragraph (22);
- e) For disciplinary offence he/she has been, excluded from the University or any of the higher education initiations of the country.

### RE-ADMISSION TO THE UNIVERSITY

(122) Student dismissed under any of a) to e) of Paragraph (121) may apply for re-admission after two years have passed from the beginning of the semester of dismissal. The application should be addressed to the Educational Committee, submitted to the Dean's Office of the Faculty concerned, enclosed with BSC, a good-conduct certificate, reference from the working place if there was any and a certificate of health. The applications for readmission are considered by the Educational Committee in first instance and if rejected by the Dean in second instance. The student may be re-admitted if his/her studies were interrupted after at least two valid semesters duly closed, is under 35th year, has a clean record, can produce a certificate of health and applies for re-admission to the same Faculty where he/she was dismissed from. Students dismissed or expelled from another Medical University may not be admitted to reassume their studies at SZOTE. The University is by no means obligated to render re-admission possible.

(123) Student expelled from the University for a disciplinary offence cannot be re-admitted unless previously exempted from the legal consequences of the disciplinary penalty.

(124) When interrupted university studies are permitted to be reassumed, the permitting body will stipulate the conditions of reassuming, the study and examination liabilities and the tuition-fees.

(125) If re-admitted, the student must comply with all the study and examination obligations of the last invalid semester.

If the student was dismissed for unsatisfactory study achievement, he/she may not claim any exemptions or prerogatives on studies.

Deprivation of exemptions and advantages on studies also covers further repetitions due to the fault of his/her own, permission to take examination out of examination period or study postponements. If the student was dismissed prior to completion of half-time period of the studies, the number of marks "failed" in subsequent examination may not be higher than twice the number of semesters still to come up to the time period of studies as defined in Paragraph (100).

(126) No re-admission can be granted on more than one occasion.

### PROFESSIONAL PRACTICE

(127) Interim or summer practicals can be accomplished first of all at the University and/or health or social institutions having a contract either with the University or with the student (holder of a scholarship).

Appointment of a place of practical or entering into a contract with a health institution takes place in concert with the University Council advised by the Faculty and consulting with the Educational Committee. To define the order of practicals with consideration of the contingent at disposal is the authority of the student community. When filling up the clinical contingent the student community should be with regard to the demonstrator's work (experimental), Students Scientific Circle and child-care.

Any change in the place practicals should be approved — if strong reasons exist — by the Educational Committee (or its President).

## CHAPTER IV

### GRADUATING CERTIFICATE, THESIS SUBMITTED TO SBE, DIPLOMA

#### GRADUATING CERTIFICATE

(128) A graduating certificate (absolutorium) testifies that the student has complied with all the study and examination obligations prescribed by the Curriculum.

The graduating certificate is drawn up by the Dean's Office in BSC and signed by the Dean.

#### THESIS SUBMITTED TO SBE

(129) The student should write a Thesis in English. In the Thesis the student, relying upon his/her own professional activity and work of special literature, elaborates the subject suggested by the University or — in certain cases — chosen by himself/herself and approved by the Head of the Department concerned.

(130) The order of preparing the Thesis is as follows:

##### (i) Objectives of writing Thesis

To assist the student, by an independent scientific elaboration of any problem in the sphere of medical, pharmaceutical or social sciences, in developing his/her aptitude in the course of professional activity, to master of using libraries and the methods of literary research and to be able to draw up his/her own opinion comprehensively and correctly.

##### (ii) Requirements

- The subject chosen deals with an actual problem of the given field.
- The Thesis should be based upon an independent scientific work.
- In preparation of the Thesis the fundamental and recent works and special literature of the field should be used.

- The size of the Thesis may not exceed 20 to 40 "normal" typewritten pages. The Thesis should be stitched into a file or bound and submitted in duplicate. On the cover title of the Thesis, the name, class and group of the student, the date of submitting as well as the supervisor's name and working place should be indicated.
- If approved by the supervisor or the Head of Department, the Thesis may be written in English or German alike.

(iii) Conditions provided by the University

- The student is assisted by the supervisor appointed by the Head of the Department concerned or the lecturer of that subject.
- In order to facilitate the selection of the subject, the Departments draw up lists of subjects indicating also the name of the supervisors. One copy of the list is posted on the notice-board at the Department, and another copy is delivered to the Dean's Office in order to stick up there.
- The term of sticking up the list is defined by the (specialized) Curriculum of the Faculty and is published in the Program, too.
- The student preparing his/her Thesis has the right to use the Central Library of the University, the libraries of Faculties and Departments their services.

(iv) Order of preparation of the Thesis

- The student, with the approval of the Head of the Department, has the right to choose individually from the announced subject.
- The subject of the Thesis is selected at the class defined in the Curricula of the Faculties; exact dates can be found in the Program.
- The subject chosen should be reported to the Head of the Department (or his/her deputy) as well as to the Dean's Office up to the date defined in the Curriculum, so as they can record it in their files.
- The student is obligated to consult his/her supervisor on at least three occasions during the preparation of the Thesis. On the first occasion, the supervisor outlines the requirements and objective possibilities related to the Thesis. On the second occasion the student gives account on his/her work up to that day. On the third occasion the supervisor evaluates the achievements of the student and advises him/her how to realize them. The supervisor, however, is entitled to prescribe more consultation and more continuous work if needed.
- The Thesis when completed should be submitted in duplicate to the Dean's Office of the Faculty up to the date appointed in the Curriculum or Program; with the supervisor's sheet enclosed. The Office is responsible of sending it to the respective Department for reference and defence.
- The Department evaluates the Thesis by giving a mark from 1 to 5 and, in addition, draws up a report not more than one page.

- If the Thesis is evaluated as "failed" the student has no right to take State Examination. The student is notified of this fact as well as of the date when he/she may submit a new or improved Thesis.
- The student not complying with the obligations provided by the supervisor may be interdicted to continue the work related to the Thesis by the Head of the Department.

#### 5 — Defence of the Thesis

- The defence of the Thesis takes place at the Department before a committee of at least three members of the Department. The supervisor is also invited to the defence. The Thesis can be discussed in Student's Scientific Circle previously.
- The record on the defence should indicate:
  - the name and particulars of the student,
  - the name of the Department and the instructor/supervisor,
  - the dates of choosing subject and submission,
  - the mark proposed by instructor/supervisor,
  - evaluation signed by the members of the Committee,
  - the mark obtained.

The form filled in and signed by the Head of the Department is enclosed to the Thesis and delivered to the Dean's Office. A copy of the form and of the record on defence, and a second copy of the Thesis is kept at the Department.

- One copy of the Thesis is returned to the student if the State Board Examination has been successful. The second copy is kept at the Department for 5 years.

#### 6 — Exemption from the obligation to draw up a Thesis

The Dean of the Faculty may exempt, from the obligation to compile a Thesis, any student

- whose paper made in the scope of Students Scientific Circle has won a 1st, 2nd or 3rd national prize, or an equivalent extra prize, and he/she submits the same as a paper.
- whose paper has been published in any scientific periodical or has been accepted for publication verifiably being the student first author. Application for exemption can be submitted to the Dean of the Faculty at least two months prior to the deadline for submitting the Thesis. Paper of student exempted is accepted with mark 5.

### STATE BOARD EXAMINATION

(131) State Board Examination is a form of accounting which terminates his/her education during which the candidate proves that he/she is in possession of the knowledge required for qualification and is able to apply the acquired knowledge.

(132) State Board Examination takes place separately from the defence of the Thesis at every Faculty.

(133) The requirements of State Board Examination are defined in the Curriculum and published by the Dean of the Faculty.

(134) State Board Examination may be fully or partly oral, be split into several parts, and may include a practical part. The composition of the State Board Examinations of the Faculties is defined by the Curriculum.

(135) State Board Examination takes place in the state examination period appointed by the Head of the University (Faculty). Preparation time between two examinations is defined by the Curriculum.

(136) State Board Examination should be taken and passed within three years after getting the Graduating Certificate.

#### THE STATE EXAMINATION BOARD

(137) State Board Examination is taken before a State Examination Board of 3 to 5 members. The Head of the Board is appointed by the Rector for one year upon the suggestion of the Dean — after consulting the Educational Committee and in concert with the University Council. The Members are invited by the Dean consulting with the Educational Committee. Members of the State Examination Board are from the professors, assistant professors, honorary professors, honorary assistant professors of the University. In addition, Heads of Departments, assistant lecturers working at health institutions taking part in practical training may be invited. The State Examination Board may also include experts independent from the University. Defence of the Thesis and State Board Examination takes place at the same time at the College Faculty. *(Note: Last sentence does not apply to students of the English Program.)*

(138) Knowledge of the candidate is evaluated by the Members of the Board by the 5 grade system. In case of any dispute or tied vote the Head of the Board has the casting vote.

(139) On State Board Examination a record is to be taken.

(140) The Head of the Board reports the experiences of the examination to the Dean and the Head of the Department concerned.

### RESULT OF STATE BOARD EXAMINATION

(141) Marks of paper, practical and Thesis equally contribute to the mark of State Board Examination.

(142) Result of the State Board Examination is unsatisfactory (unsuccessful) if the average of the marks of test-paper and the oral (practical) examination is less than 2.00.

(143) Repeated State Board Examination may be take in the course of the next (subsequent) State C period.

(144) If the candidate could not pass State Examination within three years from the acquisition of the Graduating Certificate, the Rector may, at his/her request and upon suggestion of the Dean permit him/her to attempt to pass one State Examination.

(145) Repeated State Board Examination at the Faculty of Pharmacy may be taken only after a 3-month-long practical at a Pharmacy.

### THE DIPLOMA

(146) After successfully taken State Board C, the candidate is awarded a Diploma of Medical Science or of Stomatology at the Department of Stomatology (the latter in Hungarian training program only) while a University Certificate (Master of Pharmacy) indicating also the specialization at the Faculty of Pharmacy. The Diploma of Medical Science and that of Stomatology is signed by the Rector (the Deputy) and the Dean while the University Certificate by the Head of the State Examination Board and the Rector (the Deputy) of the University.

(147) The qualification of the Diploma or Certificate is calculated by taking the mathematical average of marks achieved at the State Examination and final examinations as provided by the Curriculum. The marks of unsuccessful examinations are disregarded.

(148) The qualification of certificates can be, in accordance with the calculated average:

<i>excellent</i> (very good)	4.51 to 5.00
<i>good</i>	3.51 to 4.50
<i>satisfactory</i>	2.51 to 3.50
<i>passed</i>	2.00 to 2.50

(149) One of the following qualifications is entered in the Diploma of medical doctors and dentists (the latter for graduates of the Hungarian program only) entitled thereafter to bear the title "doctor".

<i>"summa cum laude"</i>	4.51 to 5.00
<i>"cum laude"</i>	3.51 to 4.50
<i>"rite"</i>	2.00 to 3.50

### A DIPLOMA WITH DISTINCTION

(150) A Diploma with distinction is awarded to the student who obtained "excellent" marks in all the subjects of State Examination, and or the Thesis and the marks of all the final examinations have also been "excellent", while the average of all the other examinations and practicals have marks at least 3.51, and other marks have been not lower than satisfactory.

## *CHAPTER V*

### *PRINCIPLES OF CURRICULUM, CURRICULUM, SUBJECT PROGRAM*

#### PRINCIPLES OF CURRICULUM

(151) The principles of Curriculum specify the objectives of education at the respective Faculty, the duration of training, the name of qualification, the list of fundamental groups of science whose attendance is compulsory, the proportion of the fundamental and special education on one hand. On the other hand, it describes the theoretical and practical training, the highest number of lectures, classes, etc. per week, the lowest and highest number of examinations in the education period, all the types subjects and requirements of State Examination.

#### CURRICULUM

(152) The Curriculum defines the compulsory and facultative subjects broken up to educational period, the number of theoretical and practical lectures to be attended compulsorily, the time, space and arrangement of practicals, the forms and time of examinations, the list of subjects the marks of which is taken into account when the average of achievement is calculated. Finally, the conditions of being admitted to State Examination and the provisions concerning the Thesis are itemised.

## SUBJECT PROGRAMS

(153) Subject programs define the aim of subject-matter in implementing the objectives of the training, give brief description of the subject-matter in question. Size and form of written material (text-book, lecture-note, thesaurus of examples, special literature, case-history, etc.), the number of lectures during educational period, the proportions of various forms of the subject-matter (lectures, practicals, seminars etc.) are specified. The most important technical and other requirements, the types of problems to be solved by student's individual work and thematic listing of examinations are also described.

(154) The Rector of the University defines the principles of the Curriculum, advised by the University Council, which considers the suggestions of the Educational Committee and the Boards of Faculties. The subject program is approved by the Rector considering the opinion of the Educational Committee in accordance with the Head of Department (appointed lecturer) and presented by the Board of Faculty every other year.

## *CHAPTER VI*

### *FINAL PROVISIONS*

(155) Rights and obligations of committees and persons authorised to take measures in study and examination affairs — class coordinators, lecturers, officials responsible for study matters students scientific circle, etc. — are defined by the Statutes of Faculties and Departments.

(156) Functions are assigned to the authority of the Dean's Offices at both the Faculty of Medicine and the Faculty of Pharmacy in distribution of tasks provided by the Statutes

(157) Benefits defined in Chapter 2 of the Regulations can be due to not more than 25 per cent of the full number of the students in the current year, in the order considered by the Faculty Board and the Student's Self-government (*Note: For students in the Hungarian Program*)

(158) In questions not regulated hereby, the University Council or the Rector in delegated authority decides consulting the Deans of the Faculties and the Educational Committee. No appeal lies against his/her decision.

(159) The present Regulations come into force on 1st of September, 1993. Simultaneously, the Regulation of Studies and Examinations of the Albert Szent-Györgyi Medical University issued under No. 210—16/1987 OE. and integrated with the Decree No. 21/1986. (VIII. 31.) of the Minister for Cultural Affairs is abrogated. The provisions of the Regulation do not cover affairs in process on the day coming into force.

(161) The Regulation of Studies and Examinations is of transitory nature and will be amended accordingly, when the new Act on Higher Education and the legal rules on its enforcement will be published.

The Regulation of Studies and Examinations has been approved by the University council at the meeting held on the 21st January, 1993.

*Prof. Dr. Loránd Fráter*  
*Rector*

ANNEX 1**VOW TO BE MADE BY MEDICAL STUDENTS**

*I,....., being now admitted as medical student to the Albert Szent-Györgyi Medical University, do hereby vow solemnly to adhere to the Constitution and law of the Republic of Hungary, to be respectful to, and to comply with the rules provided by, the University. I shall do my utmost so as to complete my studies with the best possible result and to acquire up-to-date knowledge in science and technique. I do vow to display a sympathetic and decent behaviour towards the patients during my studies. I shall not disclose — unless obligated by law — any of their secrets becoming known to me in respect of the pathogenesis and nature of their malady and of their private sphere. The present vow has been made solemnly of my free will.*

## ANNEX 2

For the management of the English language training program, the Council of the Albert Szent-Györgyi Medical University (Szeged) has established an English Program Secretariat from 1st of September, 1992, which temporarily will function in the Dean's Office (Zrínyi u. 9.). In the future this Secretariat will undertake the management of the English program of both Faculties, according to the Regulations of the University, in close cooperation with the Faculty of Medicine and Faculty of Pharmacy. The Head of Secretariat has the right in first instance to decide study-, examination- and disciplinary affairs; none of the higher authorities of the University may proceed any action against students without approval of the Head, except for cases of legal incompatibility.

Deans of the Faculty of Medicine and Faculty of Pharmacy decide concerning students of the English Program in second instance only, upon a written appeal submitted against the first instance decision of the Head of Secretariat.

The Secretariat is responsible for all the administrative duties of the English Training program.

## THE OATH OF HIPPOCRATES

I solemnly affirm that as a graduate in medicine at Albert Szent-Györgyi Medical University, according to my ability and judgment, I will keep this oath and stipulation. I will follow that system of regimen which according to my ability and judgment I consider for the benefit of my patients, and will abstain from whatever is deleterious and mischievous. I will prescribe regimen for the good of my patients and never do harm to anyone. To please no one will I prescribe a deadly drug, nor give advice which may cause his death. Into whatever house I enter I will go into it for the benefit of the sick, and will abstain from every voluntary act of mischief and corruption. Whatever in connection with my professional practice or not in connection with it, I see or hear in the lives of men which ought not to be spoken of abroad, I will not divulge, as reckoning that all such should be kept secret. While I continue to keep this oath inviolate, may it be granted me to enjoy life and the practice of the art, respected by all men in all times, but should I trespass and violate this oath may the reverse be my lot.

Hippocrates — Founder of modern Medicine. Born in Greece on the Island of Cos around 460 B.C., he was the most distinguished physician of ancient times. He set clear boundaries between medicine, religion and witchcraft which proved to be an important milestone in the development of science.

In our civilisation ethics date from the Hippocratic tradition and as scientific advances are concerned these attitudes have been grafted on to the cultures of other origins.

The medical thinking and practice of Hippocrates still telling us useful advices. His reasoning was based on observations derived from clinical cases and experiments, thus he placed Medicine on a scientific foundation.

His medical philosophy based on his observations transformed the cure of the sick into a modern science.

The Declaration of Geneva (1948; amended 1968) is the most generally acceptable form of words appropriate as a promise by those entering the medical profession. It may be taken as the modern equivalent of the Hippocratic Oath.

## **DECLARATION OF GENEVA**

At the time of being admitted as a member of the medical profession:

I will solemnly pledge myself to consecrate my life to the service of humanity;

I will give to my teachers the respect and gratitude which is their due;

I will practise my profession with conscience and dignity;

The health of my patient will be my first consideration;

I will respect the secrets which are confided in me, even after the patient has died;

I will maintain by all the means in my power the honour and the noble traditions of the medical profession;

My colleagues will be my brothers;

I will not permit considerations of religion, nationality, race, party politics or social standing to intervene between my duty and my patient;

I will maintain the utmost respect for human life from the time of conception; even under threat, I will not use my medical knowledge contrary to the laws of humanity.

I make these promises solemnly, freely and upon my honour.

## ABBREVIATIONS

### *(Study and Examination Guidelines and Regulations)*

IAD	=	Interim Accounting/Demonstration (beszámoló) demonstráció
A	=	accounted (beszámolt)
NOA	=	not accounted (nem számolt be)
METRE/H	=	met requirements/high mark (jól megfelelt)
METRE/P	=	met requirements/passed (megfelelt)
NOTMETRE	=	not met requirements (nem felelt meg)
CTPK	=	Continuous Testing of Practical Knowledge ("gyakorlati jegy", practical mark)
ESR	=	End-Semester Recitation ("beszámoló")
ESE	=	End-Semester-Examination (Colloquium)
CE	=	Closing Examination (szigorlat)
STE	=	State Board Examination (államvizsga)
S	=	Approval by Signature ("aláírás")
SR	=	Signing Rejected ("aláírás megtagadva")
NOS	=	No Shows, did not show up for examination ("nem jelent meg")
BSC	=	Book of Study Certificates ("leckekeönyv")
UC	=	University Curriculum ("tanrend")
UD	=	University Calendar ("egyetemi naptár")
ID	=	Students' Identity Card ("diákigazolvány")
AF	=	Admission Form ("beíratkozási lap")
MC	=	Medical Certificate ("orvosi igazolás")
Intern	=	szigorló
Internship	=	szigorló év (Clerkship for pharmacists)
RP	=	Residence Permit

## PROCEDURAL FEES

	within 6 days (in first case)	after 15 days (in further cases)	after 30 days
1. Not observing the deadline for enrollment	100,— Ft	200,— Ft	
2. Not observing the deadline for medical check-ups	100,— Ft	200,— Ft	400,— Ft
3. Loss of the Book of Study Certificates ("INDEX") and providing a duplicate	100,— Ft	200,— Ft	400,— Ft
4. Loss of various certificates (e.g. student's Identity Card, Dean's or Rector's decree, etc.) and providing duplicates of it	50,— Ft	100,— Ft	200,— Ft
5. Loss of materials serving study purposes provided by the Dean's Office	50,— Ft	100,— Ft	200,— Ft
6. Examinations or repeated examinations after deadline	50,— Ft	100,— Ft	200,— Ft
7. Presenting the Diploma Work after the deadline	100,— Ft	200,— Ft	400,— Ft
8. Failing to hand in the instruments and protective clothing, gowns provided by the Institutes/Departments	100,— Ft	200,— Ft	400,— Ft
9. Providing documentation		50,— Ft/page	
10. Providing certificates and transcripts		50,— Ft/page	
11. Health Insurance		1200,— Ft/month*	

\* Has to be paid for one semester or for a year. Students are obliged to take out a health insurance at the registration except if they can present an insurance policy valid for Hungary. (For health insurance the Providencia Insurance Co. is recommended)

### Extra Procedural Fees

#### Examination fees in 6th year:

Final Examination	—	50 USD/subject
(only for students who attend the sixth year abroad)		
Procedural fee for State		
Board Examination	—	300 USD
Graduation ceremony	—	will be given later
Fee for repeating		
State Board Examination	—	100 USD/subject
Fee for repeating Thesis defence	—	250,- Ft

#### Repeat examination fee:

on the first occasion	—	50,- Ft
on further occasions	—	200,- Ft
Fee for correcting a	—	50,- Ft
successful examination		

#### Postponed examination fee:

first time	—	free
second time and following	—	50,- Ft

#### Not observing the deadline for paying the tuition fee:

From the deadline till the day of payment the students are obliged to pay 50 USD/month extra procedural fee.

The student who does not pay the determined fees latest till November 15, 1993 (Fall Term), or April 15, 1994 (Spring Term), should be dismissed.

Students dismissed because of failing payment can be registered only after paying both the failed tuition fee and the tuition fee determined for the semester of the year under consideration.

## EDUCATIONAL ADVISORS

Department of Anatomy, Histology and Embriology	Dr. István Pór
Department of Biochemistry	Dr. Helga Hulesch
Department of Physiology	Dr. György Rubicsek
Department of Pharmacology	Dr. Ágnes Végh
Department of Forensic Medicine	Dr. Ferenc Kósa
Department of Experimental Surgery	Dr. Tamás Jánossy
Department of Pathophysiology	Dr. Zsófia Mezei
Department of Public Health	Dr. Katalin Barabás
Department of Microbiology	Dr. Béla Prágai
Department of Medical Biology	Dr. Júlia Pónyi Nyilasi
Medical Genetic Center	Dr. Károly Vámos
Department of Medical Chemistry	Dr. Zsuzsanna Bóti
Department of Pathology	Dr. Rozália Hajnal-Papp
Department of Anaesthesiology and Intensive Therapy	Dr. Mária Rotyis
First Department of Internal Medicine	Dr. Gábor Mohácsi
Division of Endocrinology	Dr. Ferenc Laczi
Second Department of Internal Medicine	Dr. Noémi Gruber
Department of Dermatology	Dr. Judit Krizsa
Department of Stomatology	Dr. István Sonkodi
Department of Oto-Rhino-Laryngology	Dr. Éva Szabados
Department of Pediatrics	Dr. Erzsébet Asztalos Tímár
Department of Neurology and Psychiatry	
neurology and psychiatry	Dr. Klára Józsa
psychology	Márta Csabai
Department of Neurological Surgery	Dr. Pál Barzó
Department of Orthopaedics	Dr. László Mécs
Department of Radiology	Dr. István Horváth
Department of Clinical Surgery	Dr. István Zöllei
Division of Cardiac Surgery	Dr. Sándor Szabados
Department of Ophthalmology	Dr. Márta Janáky
Department of Obstetrics and Gynaecology	Dr. János Gellén
deputy	Dr. Gyula Mészáros
Department of Pulmonology	Dr. Edit Csada
Department of Urology	Dr. István Szalai
Division of Traumatology	Dr. István Nacsai
Central Laboratory for Clinical Microbiology	Dr. Judit Deák
Central Isotope Diagnostics Laboratory	Dr. Miklós Papós
Central Laboratory for Clinical Chemistry	Dr. Erzsébet Nagy
Department of Medical Informatics	Dr. Tibor Asztalos
Institute of Social Sciences	Dr. Zsuzsanna Szigeti Benkő
Institute of Foreign Languages	Mrs. Izabella Villányi
Department of Biophysics	Dr. András Ringler

## TUTORS OF THE ENGLISH CLASSES

### Faculty of General Medicine

#### *Pre-Medical Course*

Dr. Zsuzsanna Bóti

assistant professor  
(Department of Medical Chemistry)

#### *1st year*

Dr. Zsuzsa Varga

assistant lecturer  
(Department of Pathology)

#### *2nd year*

Dr. Tamás Jánosy

assistant professor  
(Department of Experimental Surgery)

#### *3rd year*

Dr. Erzsébet Király

assistant professor  
(Department of Anatomy,  
Histology and Embriology)

#### *4th year*

Dr. Annamária Kovács

assistant professor  
(Department of Pathophysiology)

#### *5th year*

Dr. Géza József Kiss

senior research associate  
(Department of Oto-Rhino-  
Laryngology)

#### *6th year*

Dr. Ágnes Végh

assistant professor  
(Department of Pharmacology)

**Faculty of Pharmacy**

***1st year***

**László Lázár**

assistant  
(Department of  
Pharmaceutical Chemistry)

***2nd year***

**Erzsébet Gresó**

language teacher  
(József Attila University)

***3rd year***

**Dr. Katalin Párducz Héjjas**

assistant professor  
(Institute of Foreign Languages)

***4th year***

**Dr. Gábor Nagy**

assistant  
(Department of Pharmacognosy)

***5th year***

**Dr. Erzsébet Soós Csányi**

assistant  
(Department of Pharmaceutical  
Technology)

## UNIVERSITY CALENDAR, ACADEMIC YEAR 1993/94

Matriculation: September 6, 1993 (Monday) at 10.00 a.m.

Solemn Oath-taking: September 6, 1993 (Monday) at 6.00 p.m.

Special meeting of the University Council, graduation ceremony for 6th year medical students:

September 8, 1993 (Saturday) 12.00 a.m.

### 1st Semester

Fall term: from September 6 to December 18, 1993 (15 weeks)

Holiday: from November 1 to November 5, 1993

Examination time: from December 20, 1993 to January 29, 1994 (5 weeks)  
(including Repeat Examination Time)

Deadline for submitting the subject of the Thesis:

for 4th year medical students: February 27, 1994

for 3rd year pharmacy students: April 30, 1994

Deadline for submitting the Thesis:

for 6th year medical students: February 27, 1994

for final year pharmacy students: January 1, 1994

Date of Defending the Thesis:

for 6th year medical students: until May 15, 1994

for final year pharmacy students: until May 31, 1994

### 2nd Semester

Spring term: from January 31 to May 14, 1994 (15 weeks)

Holidays: from March 28 to April 1, 1994

Examination time: from May 16 to June 25, 1994 (6 weeks)

Repeat examination time: from August 22 to September 1, 1994

Beginning of final year (6th year) at the Faculty of General Medicine:

August 15, 1994

Special meeting of the University Council, Graduation ceremony for final year pharmacy students:

June 2, 1994 (Saturday)

Graduation ceremony for 5th year medical students:

May 14, 1994 (Saturday)

Graduation ceremony for pharmacy students:

May 7, 1994 (Saturday)

Deadlines:

Fall term Matriculation:	September 6, 1993
Last day for paying the tuition fee:	November 15, 1993
Spring term Matriculation:	January 31, 1994
Last day for paying the tuition fee:	April 15, 1994

## **COMPULSORY PRACTICES IN SUMMER**

*Students who intend to perform the compulsory practice abroad should have the permission of the head of the Secretariat presenting a "Letter of acceptance". Deadline for presenting it: May 10, 1994. Official detailed certificate on the accomplishment of the practice has to be submitted subsequently, otherwise students cannot register.*

*2nd year medical students perform a Nursing practice of four weeks in summer, from June 27 to July 23, 1994.*

### **Departments**

1st Department of Internal Medicine  
2nd Department of Internal Medicine  
Department of Obstetrics and Gynaecology  
Department of Surgery  
Department of Neurosurgery  
Department of Neurology and Psychiatry  
Department of Pediatrics  
Department of Ophthalmology  
Department of Oto-Rhino-Laryngology  
Division of Intensive Care in Internal Medicine  
Szeged County Municipal Hospital, Division of Internal Medicine  
Szeged County Municipal Hospital, Division of Surgery  
Szeged County Municipal Hospital, Division of Obstetrics and Gynaecology  
Department of Orthopaedics  
Department of Urology  
Department of Pulmonology  
Division of Traumatology

*3rd year medical students perform a practice of four weeks in Internal Medicine in summer, from June 27 to July 23 or from July 25 to August 20, 1994.*

### **Departments**

Department of Internal Medicine  
Division of Endocrinology  
2nd Department of Internal Medicine  
Division of Intensive Care  
Szeged County Municipal Hospital  
Békéscsaba, Municipal Hospital  
Kecskemét, County Hospital  
Gyula, Municipal Hospital

*4th year medical students* perform a practice of 4 weeks in Surgery in summer from June 27 to July 23, 1994 or from July 25 to August 20, 1994.

**Departments**

1st Department of Surgery

Kecskemét, County Hospital, Dept. of Surgery

Gyula, Municipal Hospital, Dept. of Surgery

*6th year medical students* perform a practice of 44 weeks between August 16, 1993 and July 23, 1994 (12 weeks' Internal Medicine, 10 weeks' Surgery, 8 weeks' Neurology and Psychiatry, 9 weeks' Pediatrics, 5 weeks' Obstetrics and Gynaecology)

**Interim practice:**

*for 4th year medical students* there is a compulsory practice of 3-3 days' period (Internship) in both semesters in Obstetrics.

*2nd year pharmacy students* perform a practice of 4 weeks in a pharmacy.

*3rd and 4th year pharmacy students* perform an elective 4 weeks practice (pharmacy, pharmaceutical factory, galenical laboratory, university department or hospital pharmacy).

*5th year pharmacy students* perform a 18 week clerkship. (10 successive weeks in public pharmacies, 8 weeks can be accomplished see the possibilities above.)

The fee for Nursing Practice is 100 USD, for any other Practices the fee equals the current tuition per month. Students should register for completing a practice at least one month before its beginning. Practice fee must be paid before starting the practice.

**STATE BOARD EXAMINATION**

**Faculty of General Medicine:**

Written examination (Test):

between August 22 and August 27, 1994

Oral examination (Bedside Examination):

between August 29 and September 3,  
1994

**Faculty of Pharmacy:**

(Following a 6 months' practice in a pharmacy) in June 1994

## **CURRICULUM AND ORDER OF EXAMINATIONS FOR THE FACULTY OF GENERAL MEDICINE**

Academic Year 1993/94

### **1st year**

#### **Fall term**

Subjects	Hours per week		Form of examination
	theory	practice	
Biophysics	3	2	CTPK(5)
Medical Chemistry	3	3	ESE
Anatomy, Histology and Embryology	2	6	ESE
Medical Biology	2	2.5	CTPK(5)
Introduction to Preventive Medicine	1	—	ESR(3)
Short History of Hungary	1	—	S
Computing Techniques	1	1	CTPK(3)
Hungarian Language	—	6	CTPK(5)
Latin Language	—	2	CTPK(5)
Physical Training	—	2	S

### Spring term

Subjects	Hours per week		Form of examination
	theory	practice	
Biophysics	1	2	Final
Medical Chemistry	3	3	Final
Anatomy, Histology and Embryology	3	5	ESE
Medical Biology	3	3	Final
Psychology	1	1	CTPK(3)
First Aid and Resuscitation	—	2	CPTK(5)
Short History of Hungary	1	—	S
Hungarian Language	—	6	CTPK(5)
Latin Language	—	2	CTPK(5)
Physical Training	—	2	S

The following special courses can be attended (six students minimum):

English Language 2 hours per week 40 USD/month (both terms)

Biophysics-Biometry 2 hours per week 40 USD/month (both terms)

## 2nd year

## Fall term

Subjects	Hours per week		Form of examination
	theory	practice	
Anatomy, Histology and Embryology	2	5	ESE
Biochemistry	3	2	ESE
Physiology	4	4	ESE
Medical Biology	2	3	Final
Hungarian Language	—	6	CTPK(5)
Physical Training	—	2	S

## Spring term

Subjects	Hours per week		Form of examination
	theory	practice	
Anatomy, Histology and Embryology	2	5	Final
Biochemistry	4	3	Final
Physiology	6	4	Final
Hungarian Language	—	6	PE
Physical Training	—	2	S

The following special courses can be attended for 40 USD/month (six students minimum):

English Language 2 hours per week (both terms)

Hungarian Language 2 hours per week (both terms)

Psychology 2 hours per week (Spring term)

**3rd year****Fall term**

Subjects	Hours per week		Form of examination
	theory	practice	
Pathophysiology	2	2	ESE
Microbiology	2.5	1.5	ESE
Pathology	4	3	ESE
Clinical Diagnostics	2	4	ESE
Operative Techniques	—	3 x 2	S
Ethics in Medicine	1	1	ESE
Hungarian Language	—	3	CTPK(5)

**Spring term**

Subjects	Hours per week		Form of examination
	theory	practice	
Pathophysiology	3	2	Final
Microbiology and Immunology	2	1.5	Final
Pathology	2	5	Final
Internal Medicine	4	2	ESE
Surgical Propedeutics	2	2	ESE
Operative Techniques	—	2 x 2	S
Medical Sociology	1*	—	ESE
Medical Psychology	1	1	CTPK(5)
Hungarian Language	—	3	CTPK(5)

A 2 hours per week special course of Hungarian Language can be attended for 40 USD/month (six students minimum) (in both terms).

**4th year****Fall term**

Subjects	Hours per week		Form of examination
	theory	practice	
Internal Medicine (Infectious Diseases)	2	—	ESE
Surgery	2	2	CTPK(3)
Radiology	1.5	1	S
Pharmacology	3	2	CPTK(5)
Obstetrics and Gynaecology	3	2	ESE
Medical Psychology	1	1	S
Pulmonology	1	2	Final
Orthopaedics	2	2	Final
Nuclear Medicine	1	1	ESR(5)
Hungarian Language	—	3	CTPK(5)

### Spring term

Subjects	Hours per week		Form of examination
	theory	practice	
Internal Medicine	4	2	CTPK(5)
Surgery	2	2	ESE
Obstetrics and Gynaecology	3	2	CTPK(3)
Radiology	1	1	Final
Public Health	1	2	ESE
Pharmacology	4	2	Final
Oxyology, Anaesthesiology and Intensive Therapy	4	1	ESE
Medical Psychology	1.5	1	Final
Tropical Diseases	1	1	CTPK(3)
Stomatology	1	2	Final
Hungarian Language	—	3	Final

2 x 3 days' internship in Obstetrics and Gynaecology proportionally divided during the whole academic year.

A 2 hours per week special course in Hungarian Language can be attended for 40 USD/month (six students minimum).

**5th year****Fall term**

Subjects	Hours per week		Form of examination
	theory	practice	
Internal Medicine (Infectious Diseases)	2	—	ESE
Surgery	1	1	S
Neurosurgery	1	1	ESE
Pediatrics	3	2	ESE
Neurology	1	1	ESE
Psychiatry	1	1	CTPK(3)
Forensic Medicine	2	2	S
Public Health	2	2	S
Dermatology	3	2.5	Final
Oto-Rhino-Laryngology	2	3	Final

### Spring term

Subjects	Hours per week		Form of examination
	theory	practice	
Internal Medicine	2	2	CTPK(5)
Pediatrics	2	2	CTPK(3)
Neurology	1	1	CTPK(3)
Psychiatry	1	1	CTPK(3)
Forensic Medicine	2	2	Final
Ophthalmology	2	3.5	Final
Urology	1	2	Final
Clinical Genetics	1	—	CPTK(5)
Public Health*	3	2	Final
Optional Course**	2	—	ESR(5)

\* including: Environmental Protection and Safety Provisions

\*\* Students have to select one of the following subjects as compulsory (written in the Book of Study Certificates):

- Clinical Immunology
- Laboratory Diagnosis
- Clinical Oncology

A 2 hours per week special course in Hungarian language can be attended for 40 USD/month (six students minimum).

## 6th year

Subjects	Theory	Practice	Form of examination
Internal Medicine including District Consultations Ward of Infectious Diseases	— — —	12 weeks 2 weeks 1 week	Final
Surgery including Traumatology Emergency Service	— — —	10 weeks 2 weeks 2 weeks	Final
Neurology and Psychiatry	—	8 weeks	Final
Obstetrics and Gynaecology	—	5 weeks	Final
Pediatrics including District Pediatric Consultations	— —	9 weeks 1 week	Final

The interns should be accomplished principally at the clinics and hospitals listed by the University. The practice fee is equal to the current tuition. The interns can be accomplished in other clinics in Hungary as well as abroad, provided the students submit the acceptance letter of the clinic/hospital and have the permission of the Head of the English program before starting the practice. The accomplishment of the practices must be verified officially to the English Secretariat as the precondition for starting the next practice.

Two practices can be accomplished continuously and the final examinations can be taken in the week following the accomplishment of the practices. If the student fails, the examination must be repeated together with the half of the practice period. The next practice can be started only following a successful examination.

In the sixth year interns can be assigned to duty service as physicians.

The State Board Examination fee is 300 USD.

The 6th year starts on August 16, 1993 and ends on July 23, 1994.

The period to prepare for the State Board Examination is from July 25, 1994 to August 20, 1994.

The deadline for submitting the Thesis is February 27, 1994.

If the student fails to submit the Thesis by the deadline given above — or fails to submit it by the deadline of postponement, which can be max. 15 days only with the permission of the Dean — his/her interns and examinations must be suspended.

Students must defend their Thesis until May 15, 1994, at the latest.

Test (Multiple Choice Questions): during the week following August 20 (the date will be fixed later).

Oral examination (bed-side examination): between August 29, and September 3, 1994.

## **COMPULSORY SUBJECTS**

Faculty of General Medicine,

1st year

*Fall term*

### **BIOPHYSICS:**

theory — 3 hours per week at the Department of Ophthalmology  
(Szemészeti Klinika)

practice — 2 hours per week for each group separately

Advisor: Dr. ANDRÁS RINGLER, assistant professor

### **MEDICAL CHEMISTRY:**

theory — 3 hours per week at the Department of Ophthalmology  
(Szemészeti Klinika)

practice — 3 hours per week for each group separately

Prof. BOTOND PENKE, Head of Department

### **ANATOMY, HISTOLOGY AND EMBRYOLOGY:**

theory — 2 hours per week in the classroom of the Department  
of Anatomy (Anatómiai Intézet)

practice — 6 hours per week for each group separately

Prof. ZSOLT LIPOSITS, Head of Department

### **MEDICAL BIOLOGY:**

theory — 2 hours per week in the Medical Education Center  
(Oktatási Épület)

practice — 2.5 hours per week for each group separately

Prof. JÁNOS SZABAD, Head of Department

### **INTRODUCTION TO PREVENTIVE MEDICINE:**

theory — 1 hour per week in the classroom of the 1st  
Department of Internal Medicine (I. sz. Belgyógyászati Klinika)

Prof. ILLÉS DÉSI, Head of Department

### **SHORT HISTORY OF HUNGARY:**

theory — 1 hour per week in the classroom of the 1st Department  
of Internal Medicine (I. sz. Belgyógyászati Klinika)

Prof. FERENC BÁRÁNY, Head of the Department of Social  
Sciences

**COMPUTING TECHNIQUES AND MEDICAL INFORMATICS:**

theory — 1 hour per week at the Department of Ophthalmology  
(Szemészeti Klinika)

practice — 1 hour per week for each group separately

Prof. ZOLTÁN HANTOS, Head of Department

**HUNGARIAN LANGUAGE:**

practice — 6 hours per week in the Medical Education Center  
(Oktatási Épület), for each group separately

Dr. ÉVA DEMETER, language teacher

**LATIN LANGUAGE:**

practice — 2 hours per week in the Education Center (Oktatási  
Épület), for each group separately

Dr. ÉVA DEMETER, language teacher

**PHYSICAL TRAINING:**

2 hours per week

Dr. LÁSZLÓ BOROS GYÉVI, physical training teacher

*Spring term*

**BIOPHYSICS:**

theory — 1 hour per week at the Department of Ophthalmology  
(Szemészeti Klinika)

practice — 2 hours per week for each group separately

Advisor: Dr. ANDRÁS RINGLER, assistant professor

**MEDICAL CHEMISTRY:**

theory — 3 hours per week at the Department of Ophthalmology  
(Szemészeti Klinika)

practice — 3 hours per week for each group separately

Prof. BOTOND PENKE, Head of Department

**ANATOMY, HISTOLOGY AND EMBRYOLOGY:**

theory — 3 hours per week in the classroom of the Department  
of Anatomy (Anatómiai Intézet)

practice — 5 hours per week for each group separately

Prof. ZSOLT LIPOSITS, Head of Department

**MEDICAL BIOLOGY:**

theory — 3 hours per week at the Department of Ophthalmology  
(Szemészeti Klinika)

practice — 3 hours per week for each group separately  
Prof. JÁNOS SZABAD, Head of Department

**PSYCHOLOGY:**

theory — 1 hour per week in the New Clinical Block (410 ágyas  
klinika)

practice — 1 hour per week for each group separately  
Prof. PÉTER MOLNÁR, Head of Section

**FIRST AID AND RESUSCITATION**

practice — 2 hours per week in the New Clinical Block (410  
ágyas klinika)

Prof. LÁSZLÓ LENCZ, Head of Department  
Dr. LÁSZLÓ SÁNDOR, associate professor

**SHORT HISTORY OF HUNGARY:**

theory — 1 hour per week at the Department of Dermatology  
(Bőr- II. sz. Belgyógyászati Klinika)

Prof. FERENC BÁRÁNY, Head of the Department of Social  
Sciences

**HUNGARIAN LANGUAGE:**

practice — 6 hours per week in the Medical Education Center  
(Oktatási Épület), for each group separately

Dr. ÉVA DEMETER, language teacher

**LATIN LANGUAGE:**

practice — 2 hours per week in the Medical Education Center  
(Oktatási Épület), for each group separately

Dr. ÉVA DEMETER, language teacher

**PHYSICAL TRAINING:**

2 hours per week

Dr. LÁSZLÓ BOROS GYÉVI, physical training teacher

## 2nd year

### *Fall term*

#### ANATOMY, HISTOLOGY AND EMBRYOLOGY:

theory — 2 hours per week at the Department of Anatomy  
(Anatómiai Intézet)

practice — 5 hours per week for each group separately  
Prof. ZSOLT LIPOSITS, Head of Department

#### BIOCHEMISTRY:

theory — 3 hours per week at the Department of Pediatrics  
(Gyermekgyógyászati Klinika) and in the Medical Education  
Center (Oktatási Épület)

practice — 2 hours per week for each group separately  
Prof. LÁSZLÓ DUX, Head of Department

#### PHYSIOLOGY:

theory — 4 hours per week at the Department of Physiology  
(Élettani Intézet)

practice — 4 hours per week for each group separately  
Prof. GYÖRGY BENEDEK, Head of Department

#### MEDICAL BIOLOGY:

theory — 2 hours per week in the Medical Education Center  
(Oktatási Épület)

practice — 3 hours per week for each group separately  
Prof. JÁNOS SZABAD, Head of Department

#### HUNGARIAN LANGUAGE:

practice — 6 hours per week in the Medical Education Center  
(Oktatási Épület), for each group separately  
Dr. ÉVA DEMETER, language teacher

#### PHYSICAL TRAINING:

2 hours per week  
Dr. LÁSZLÓ BOROS GYÉVI, physical training teacher

*Spring term*

**ANATOMY, HISTOLOGY AND EMBRYOLOGY:**

theory — 2 hours per week at the Department of Anatomy  
(Anatómiai Intézet)

practice — 5 hours per week for each group separately  
Prof. ZSOLT LIPOSITS, Head of Department

**BIOCHEMISTRY:**

theory — 4 hours per week in the Medical Education Center  
(Oktatási Épület) and at the Department of Dermatology (Bőr- II.  
sz. Belgyógyászati Klinika)

practice — 3 hours per week for each group separately  
Prof. LÁSZLÓ DUX, Head of Department

**PHYSIOLOGY:**

theory — 6 hours per week at the Department of Physiology  
(Élettani Intézet)

practice — 4 hours per week for each group separately  
Prof. GYÖRGY BENEDEK, Head of Department

**HUNGARIAN LANGUAGE:**

practice — 6 hours per week in the Medical Education Center  
(Oktatási Épület), for each group separately  
Dr. ÉVA DEMETER, language teacher

**PHYSICAL TRAINING:**

2 hours per week  
Dr. LÁSZLÓ BOROS GYÉVI, physical training teacher

## 3rd year

### *Fall term*

#### **PATHOPHYSIOLOGY:**

theory — 2 hours per week at the Department of Obstetrics and Gynaecology (Szülészeti és Nőgyógyászati Klinika)  
practice — 2 hours per week for each group separately  
Prof. GYULA TELEGDY, Head of Department

#### **MICROBIOLOGY:**

theory — 2.5 hours per week at the Department of Ophthalmology (Szemészeti Klinika) and at the Department of Physiology (Élettani Intézet)  
practice — 1.5 hours per week for each group separately  
Prof. ILONA BÉLÁDI, Head of Department

#### **PATHOLOGY:**

theory — 4 hours per week at the Department of Anatomy (Anatómiai Intézet)  
practice — 3 hours per week for each group separately  
Prof. TIVADAR MIKÓ, Head of Department

#### **CLINICAL DIAGNOSTICS:**

theory — 2 hours per week at the 1st Department of Internal Medicine (I. sz. Belgyógyászati Klinika)  
practice — 4 hours per week for each group separately  
Prof. JÁNOS LONOVICS, Head of Department

#### **EXPERIMENTAL SURGERY:**

3 x 2 hours (total) at the Department of Experimental Surgery (Kísérletes Sebészeti Intézet)  
Prof. SÁNDOR NAGY, Head of Department

#### **ETHICS IN MEDICINE:**

theory — 1 hour per week at the 1st Department of Internal Medicine (I. sz. Belgyógyászati Klinika)  
practice — 1 hour per week  
Prof. JÁNOS JULESZ, Head of Division

**HUNGARIAN LANGUAGE:**

practice — 3 hours per week in the Medical Education Center  
(Oktatási Épület)  
Dr. ÉVA DEMETER, language teacher

*Spring term*

**PATHOPHYSIOLOGY:**

theory — 3 hours per week at the Department of Obstetrics and  
Gynaecology (Szülészeti és Nőgyógyászati Klinika)  
practice — 2 hours per week for each group separately  
Prof. GYULA TELEGDY, Head of Department

**MICROBIOLOGY:**

theory — 2 hours per week at the 1st Department of Internal  
Medicine (I. sz. Belgyógyászati Klinika)  
practice — 1.5 hours per week for each group separately  
Prof. ILONA BÉLÁDI, Head of Department

**PATHOLOGY:**

theory — 2 hours per week in the Department of Anatomy  
(Anatómiai Intézet)  
practice — 5 hours per week for each group separately  
Prof. TIVADAR MIKÓ, Head of Department

**INTERNAL MEDICINE:**

theory — 4 hours per week at the 1st Department of Internal  
Medicine (I. sz. Belgyógyászati Klinika)  
practice — 2 hours per week  
Prof. JÁNOS LONOVICS, Head of Department

**SURGICAL PROPEDEUTICS:**

theory — 2 hours per week at the Department of Surgery  
(Sebészeti Klinika)  
practice — 2 hours per week  
Prof. ÁDÁM BALOGH, Head of Department

**EXPERIMENTAL SURGERY:**

3 x 2 hours (total) at the Department of Experimental Surgery  
(Kísérletes Sebészeti Intézet)  
Prof. SÁNDOR NAGY, Head of Department

**MEDICAL SOCIOLOGY:**

seminar — 1 hour per week for each group separately in the  
Medical Education Center (Oktatási Épület)

Dr. ÉVA PETŐ, associate professor

**MEDICAL PSYCHOLOGY:**

theory — 1 hour per week in the new clinical block (410  
ágyas klinika)

practice — 1 hour per week

Prof. PÉTER MOLNÁR, Head of Section

**HUNGARIAN LANGUAGE:**

practice — 3 hours per week in the Medical Education Center  
(Oktatási Épület), for each group separately

Dr. ÉVA DEMETER, language teacher

## 4th year

### *Fall term*

#### INTERNAL MEDICINE (Infectious Diseases):

theory — 2 hours per week at the 2nd Department of Internal Medicine (II. sz. Belgyógyászati Klinika)

Dr. KOND FERDINÁNDY, titular associate professor, Head of the Section

#### SURGERY:

theory — 2 hours per week at the Department of Surgery (Sebészeti Klinika)

practice — 2 hours per week

Prof. ÁDÁM BALOGH, Head of Department

#### RADIOLOGY:

theory — 1.5 hours per week in the New Clinical Block (410 ágyas klinika)

practice — 1 hour per week

Dr. LAJOS POKORNY, associate professor

#### PHARMACOLOGY:

theory — 3 hours per week at the Department of Pharmacology (Pharmacologiai Intézet)

practice — 2 hours per week

Prof. GYULA PAPP, Head of Department

#### OBSTETRICS AND GYNAECOLOGY:

theory — 3 hours per week in the classroom of the Department of Obstetrics and Gynaecology (Szülészeti és Nőgyógyászati Klinika)

practice — 2 hours per week

Prof. LÁSZLÓ KOVÁCS, Head of Department

#### MEDICAL PSYCHOLOGY:

theory — 1 hour per week in the New Clinical Block (410 ágyas klinika)

practice — 1 hour per week

Prof. PÉTER MOLNÁR, Head of Division

**PULMONOLOGY:**

theory — 1 hour per week at the Department of Pediatrics  
(Gyermekegyógyászati Klinika)

practice — 2 hours per week

Prof. PÁL KRASZKÓ, Head of Department

**ORTHOPAEDICS:**

theory — 2 hours per week in the New Clinical Block  
(410 ágyas klinika)

practice — 2 hours per week

Prof. TAMÁS MÉSZÁROS, Head of Department

**NUCLEAR MEDICINE:**

theory — 1 hour per week at the 1st Department of Internal  
Medicine (I. sz. Belgyógyászati Klinika)

practice — 1 hour per week

Prof. LÁSZLÓ CSERNAY, Head of Department

**HUNGARIAN LANGUAGE:**

practice — 3 hours per week in the Medical Education Center  
(Oktatási Épület)

Dr. ÉVA DEMETER, language teacher

*Spring term*

**INTERNAL MEDICINE:**

theory — 4 hours per week in the classroom of the 1st Department  
of Internal Medicine (I. sz. Belgyógyászati Klinika)

practice — 2 hours per week

Prof. JÁNOS LONOVICS, Head of Department

**SURGERY:**

theory — 2 hours per week at the Department of Surgery  
(Sebészeti Klinika)

practice — 2 hours per week

Prof. ÁDÁM BALOGH, Head of Department

**OBSTETRICS AND GYNAECOLOGY:**

theory — 3 hours per week at the Department of Obstetrics and Gynaecology (Szülészeti és Nőgyógyászati Klinika)  
practice — 2 hours per week  
Prof. LÁSZLÓ KOVÁCS, Head of Department

**RADIOLOGY:**

theory — 1 hour per week in the New Clinical Block (410 ágyas klinika)  
practice — 1 hour per week  
Dr. LAJOS POKORNY, associate professor

**PUBLIC HEALTH:**

theory — 1 hour per week at the Department of Pediatrics (Gyermekegyógyászati Klinika)  
practice — 2 hours per week  
Prof. ILLÉS DÉSI, Head of Department

**PHARMACOLOGY:**

theory — 4 hours per week at the Department of Physiology (Élettani Intézet)  
practice — 2 hours per week  
Prof. GYULA PAPP, Head of Department

**OXYOLOGY, ANAESTHESIOLOGY AND INTENSIVE THERAPY:**

theory — 4 hours per week at the Department of Surgery (Sebészeti Klinika)  
practice — 1 hour per week  
Prof. LÁSZLÓ LENCS, Head of Department

**MEDICAL PSYCHOLOGY:**

theory — 1.5 hours per week in the New Clinical Block (410 ágyas klinika)  
practice — 1 hour per week  
Prof. PÉTER MOLNÁR, Head of Section

**TROPICAL DISEASES:**

theory — 1 hour per week at the Department of Pediatrics (Gyermekegyógyászati Klinika)  
practice — 1 hour per week  
Dr. GÁBOR BÁLINT, associate professor

**STOMATOLOGY:**

theory — 1 hour per week in the classroom of the 1st Department of Internal Medicine (I. sz. Belgyógyászati Klinika)

practice — 2 hours per week

Prof. ALBERT MARI, Head of Department

**HUNGARIAN LANGUAGE:**

practice — 3 hours per week in the Medical Education Center (Oktatási Épület)

Dr. ÉVA DEMETER, language teacher

## 5th year

### *Fall term*

#### INTERNAL MEDICINE (Infectious Diseases):

theory — 2 hours per week in the classroom of the 2nd Department of Internal Medicine (II. sz. Belgyógyászati Klinika)

practice — 2 hours per week

Dr. KOND FERDINÁNDY, titular associate professor, Head of the Section

#### SURGERY:

theory — 1 hour per week in the classroom of the Department of Surgery (Sebészeti Klinika)

practice — 1 hour per week

Prof. ÁDÁM BALOGH, Head of Department

#### NEUROSURGERY:

theory — 1 hour per week in the New Clinical Block (410 ágyas klinika)

practice — 1 hour per week

Prof. MIHÁLY BODOSI, Head of Department

#### PEDIATRICS:

theory — 3 hours per week at the Department of Pediatrics (Gyermekegyógyászati Klinika)

practice — 2 hours per week

Prof. SÁNDOR PINTÉR, Head of Department

#### NEUROLOGY:

theory — 1 hour per week in the New Clinical Block (410 ágyas klinika)

practice — 1 hour per week

Prof. LÁSZLÓ VÉCSEI, Head of Section

#### PSYCHIATRY:

theory — 1 hour per week in the New Clinical Block (410 ágyas klinika)

practice — 1 hour per week

Prof. ZOLTÁN JANKA, Head of Department

**FORENSIC MEDICINE:**

theory — 2 hours per week in the classroom of the Department of Anatomy (Anatómiai Intézet)

practice — 2 hours per week

Dr. TIBOR VARGA, Acting Head of Department

**PUBLIC HEALTH:**

theory — 2 hours per week at the Department of Public Health (Népegészségtani Intézet)

practice — 2 hours per week

Prof. ILLÉS DÉSI, Head of Department

**DERMATOLOGY:**

theory — 3 hours per week at the Department of Dermatology (Bőr- II. sz. Belgyógyászati Klinika)

practice — 2.5 hours per week

Prof. ATTILA DOBOZY, Head of Department

**OTO-RHINO-LARYNGOLOGY:**

theory — 2 hours per week at the Department of Pediatrics (Gyermekegyógyászati Klinika)

practice — 3 hours per week

Prof. JENŐ CZIGNER, Head of Department

*Spring term*

**INTERNAL MEDICINE:**

theory — 2 hours per week in the classroom of the 1st Department of Internal Medicine (I. sz. Belgyógyászati Klinika)

practice — 2 hours per week

Prof. JÁNOS LONOVICS, Head of Department

**PEDIATRICS:**

theory — 2 hours per week at the Department of Pediatrics (Gyermekegyógyászati Klinika)

practice — 2 hours per week

Prof. SÁNDOR PINTÉR, Head of Department

**NEUROLOGY:**

theory — 1 hour per week in the New Clinical Block (410 ágyas klinika)

practice — 1 hour per week

Prof. LÁSZLÓ VÉCSEI, Head of Section

**PSYCHIATRY**

theory — 2 hours per week in the New Clinical Block (410 ágyas klinika)

practice — 1 hour per week

Prof. ZOLTÁN JANKA, Head of Department

**FORENSIC MEDICINE:**

theory — 2 hours per week in the classroom of the Department of Anatomy (Anatómiai Intézet)

practice — 2 hours per week

Dr. TIBOR VARGA, Acting Head of Department

**OPHTHALMOLOGY:**

theory — 2 hours per week at the Department of Ophthalmology (Szemészeti Klinika)

practice — 3.5 hours per week

Prof. LAJOS KOLOZSVÁRY, Head of Department

**UROLOGY:**

theory — 1 hour per week at the Department of Urology (Urológiai Tanszék)

practice — 2 hours per week

Prof. SÁNDOR SCULTÉTY, Head of Department

**CLINICAL GENETICS:**

theory — 1 hour per week in the Medical Education Center (Oktatási Épület)

Prof. GYÖRGY SZEMERE, Head of Genetic Center

**PUBLIC HEALTH:**

theory — 3 hours per week at the Department of Public Health (Népegészségtani Intézet)

practice — 2 hours per week

Prof. ILLÉS DÉSI, Head of Department

**OPTIONAL COURSE:**

Selected from courses listed below — 2 hours per week

**LABORATORY DIAGNOSTICS**

Lecturer: Prof. LÁSZLÓ DUX, Head of Department

**CLINICAL IMMUNOLOGY**

Advisor: Dr. PÁL VÉGH, associate professor

**CLINICAL ONCOLOGY**

Advisor: Dr. ZSUZSANNA VÁRNAI KAHÁN  
assistant professor

## **ELECTIVE COURSES AT THE FACULTY OF GENERAL MEDICINE ACADEMIC YEAR 1993/94**

### **1st—2nd Semesters**

#### **BIOLOGICAL FOUNDATION OF PSYCHIATRY**

1 hour per week in the 4th–5th year

Prof. ZOLTÁN JANKA Head of Department

#### **THE FUNDAMENTALS OF MEDICAL INFORMATICS**

2 hours per week, theory and practice for senior students.

Condition: Basic Knowledge in Computing

Dr. JÁNOS KARSAI, senior research associate

Dr. KRISZTINA STÉHLIK BODA, senior research associate

ISTVÁN MIZSEI research associate

#### **THE FUNDAMENTALS OF HIGHER MATHEMATICS**

2 hours per week, theory and problem solution

Dr. KRISZTINA STÉHLIK BODA, senior research associate

Dr. JÁNOS KARSAI, senior research associate

Dr. JÓZSEF ELLER, senior research associate

### **1st Semester**

#### **CLINICAL TRIALS ACCORDING TO THE NEW HUNGARIAN G.C.P.**

1 hour per week for senior medical students at the New Clinical  
Block room No. 532

Dr. GÁBOR BÁLINT, associate professor

### **2nd Semester**

#### **NEW THERAPEUTICAL CONCEPTS IN THE TREATMENT OF NEUROLOGICAL DISEASES**

1 hour per week

Prof. LÁSZLÓ VÉCSEI

#### **METHODS AND COMPUTER PROGRAMS OF BIOMETRY**

1 hour per week

Dr. KRISZTINA STÉHLIK BODA, senior research associate

#### **COMPUTER-AIDED EVALUATION OF ELECTROPHYSIOLOGICAL SIGNALS**

1 hour per week

Dr. TIBOR ASZTALOS, senior research associate

#### **TEXT PROCESSING AND PRESENTATION (WORD FOR WINDOWS)**

1 hour per week

Dr. TIBOR ASZTALOS, senior research associate

## TITLES OF THESES ACADEMIC YEAR 1993/94

### DEPARTMENT OF ANATOMY, HISTOLOGY AND EMBRIOLOGY

1. Oncogenes and oncoproteins in the central nervous system  
Tutor: Dr. ANDRÁS MIHÁLY, associate professor

### DEPARTMENT OF BIOCHEMISTRY

1. Studies on the structure and function of membrane proteins  
Tutor: Dr. LÁSZLÓ DUX, professor
2. Role of cell surface oligosaccharides in leukocyte adhesion and activation  
Tutor: Dr. JÁNOS FISCHER, associate professor
3. Signalling of cell adhesion  
Tutor: Dr. MARGIT KERESZTES, assistant
4. Signalling mechanism controlling muscle differentiation  
Tutor: Dr. MARGIT KERESZTES, assistant

### DEPARTMENT OF EXPERIMENTAL SURGERY

1. A study on the control of water balance in brain cells by neuropeptides — an in vitro study using cultured brain cells  
Tutor: Dr. CSILLA TORDAY, assistant professor
2. Studies on the host-versus-graft disease and lymphoproliferative disorders in mice neonatally tolerized to alloantigens  
Tutor: Dr. TAMÁS JÁNOSSY, assistant professor
3. Graft-versus-host disease and its suppression  
Tutor: CSABA VIZLER, research associate

### DEPARTMENT OF PATHOPHYSIOLOGY

1. Tumor immunology  
Tutor: Dr. GYÖRGY LÁZÁR, professor
2. Influence of macrophage blockade on humoral immune response  
Tutor: Dr. GYÖRGY LÁZÁR, professor
3. The role of platelets in pathologic states  
Tutor: Dr. ÁRPÁD GECSE, associate professor
4. The mechanism of activation arachidinate cascade  
Tutor: Dr. ÁRPÁD GECSE, associate professor
5. Regulation arachidinate cascade by peptides  
Tutor: Dr. ÁRPÁD GECSE, associate professor
6. The effect of neuropeptides on experimental alcoholism  
Tutor: Dr. GYULA SZABÓ, assistant professor
7. Transmitter-mediated action of CGRP in behavioral experiments  
Tutor: Dr. ANNAMÁRIA KOVÁCS, assistant professor

#### DEPARTMENT OF MICROBIOLOGY

1. SOS function in bacteria  
Tutor: Dr. JÓZSEF MOLNÁR, professor
2. New genetic of leprosy and tuberculosis  
Tutor: Dr. JÓZSEF MOLNÁR, professor
3. Cytotoxins in *E. coli*  
Tutor: Dr. JÓZSEF MOLNÁR, professor
4. The etiology and the pathogenesis of influenza  
Tutor: Dr. ISTVÁN ROSZTÓCZY, associate professor
5. The RSV bronchitis  
Tutor: Dr. ISTVÁN ROSZTÓCZY, associate professor
6. Physiological and pathological roles of cytokines  
Tutor: Dr. ISTVÁN ROSZTÓCZY, associate professor
7. Role of opportunistic infections in the pathogenesis of AIDS  
Tutor: Dr. ISTVÁN ROSZTÓCZY, associate professor
8. Human herpesvirus 6 infection and associated disease  
Tutor: Dr. ROZÁLIA PUSZTAI, associate professor
9. Intrauterin virus infection  
Tutor: Dr. ROZÁLIA PUSZTAI, associate professor

#### DEPARTMENT OF MEDICAL BIOLOGY

1. Molecular methods in prenatal diagnosis of inherited diseases  
Tutor: Dr. JÁNOS SZABAD, professor
2. Molecular basis of cell division regulation  
Tutor: Dr. JÁNOS SZABAD, professor
3. Molecular basis of oncogenesis  
Tutor: Dr. JÁNOS SZABAD, professor

#### DEPARTMENT OF FORENSIC MEDICINE

1. Comparison study about the drug abusos in European and Far-East-Asian countries  
Tutor: Dr. FERENC KÓSA, associate professor
2. The dangers and consequences of drug abusos in traffic accidents  
Tutor: Dr. FERENC KÓSA, associate professor
3. The drug abusos as a social problem  
Tutor: Dr. FERENC KÓSA, associate professor

#### CENTRAL ISOTOPE DIAGNOSTICS LABORATORY

1. Bone SPECT for acute knee pain  
Tutor: Dr. MÁRTA RAJTÁR, assistant professor

2. Conduction disturbances of the heart investigated by 3D phase and amplitude images  
Tutor: Dr. JÁNOS MESTER, senior research associate
3. Validation of ECG gated nuclear cardiological SPECT methods  
Tutor: Dr. JÁNOS MESTER, senior research associate
4. <sup>99m</sup>Tc-labeled raditracers for the investigation of brain function  
Tutor: Dr. JENŐ LÁNG, research advisor
5. Image quality determinant factors during the regional cerebral blood flow studies (Retrospective study)  
Tutor: Dr. LÁSZLÓ PÁVICS, assistant lecturer
6. Investigation for the determination of diagnostic value of cerebral blood flow SPECT studies combined with provocations in neurological disorders  
Tutor: Dr. LÁSZLÓ PÁVICS, assistant lecturer
7. Nuclear medicine procedures for the detection of osteomyelitis  
Tutor: Dr. MIKLÓS PAPÓS, clinical physician

#### DEPARTMENT OF MEDICAL INFORMATICS

1. Evaluation of biomedical data with biometrical methods using computer systems  
Tutor: Dr. KRISZTINA STÉHLIK BODA, senior research associate
2. Computer networks in health care  
Tutor: Dr. JÁNOS KARSAI, senior research associate
3. The relation between the computer application and the organization of work at the departments of SZOTE  
Tutor: Dr. JÁNOS KARSAI, senior research associate

#### DEPARTMENT OF SOCIOLOGY

1. Ethical view in the theory and practice of euthanasia  
Tutor: Dr. ADÉL SERFŐZÓ TÓTH, assistant lecturer
2. Some ethical concepts on death and dying  
Tutor: Dr. ADÉL SERFŐZÓ TÓTH, assistant lecturer

#### DEPARTMENT OF ANAESTHESIOLOGY AND INTENSIVE THERAPY

1. Intubation difficulties in maxillofacial surgery anaesthesia  
Tutor: Dr. JUDIT MÉRAY, professor
2. Changes in the haemostatus in open heart surgery  
Tutor: Dr. ROZÁLIA RÁCZ, assistant professor

#### 1ST DEPARTMENT OF INTERNAL MEDICINE

1. Morphological and functional diagnosis of chronic pancreatitis  
Tutor: Dr. FERENC HAJNAL, assistant professor

2. Fibrinogen — a new candidate among the risk factors of cardiovascular diseases  
Tutor: Dr. GYÖRGY ÁBRAHÁM, assistant lecturer
3. Detection of gliadin antibody level in patients with treated and untreated gluten sensitive enteropathy  
Tutor: Dr. ZSUZSANNA F. KISS, assistant professor
4. Food allergy in dermatological diseases  
Tutor: Dr. ZSUZSANNA F. KISS, assistant professor
5. Clinical and immunological determinants of the outcome in immune complex glomerulonephritis  
Tutor: Dr. GÁBOR MOHÁCSI, assistant professor
6. The role of cholecystokinin in regulation of pancreatic secretion and growth in rat  
Tutor: Dr. TAMÁS TAKÁCS, assistant lecturer

#### DIVISION OF ENDOCRINOLOGY

1. Hyperandrogenism  
Tutor: Dr. JÁNOS JULESZ, professor
2. Diagnostics and therapy of the diseases of thyroid gland  
Tutor: Dr. FERENC LACZI, associate professor
3. Endocrine hypertension  
Tutor: Dr. IMRE PÁVÓ, specialist

#### 2ND DEPARTMENT OF INTERNAL MEDICINE

1. Clinical aspects of the transoesophageal echocardiography  
Tutor: Dr. TAMÁS FORSTER, assistant professor
2. Echocardiographic examinations in hypo- and hyperthyroidism — especially for the changes of the diastolic function of left ventricle  
Tutor: Dr. ALBERT VARGA, assistant lecturer
3. Prognostic value of the pharmacological exercise tests in ischaemic heart disease  
Tutor: Dr. NOÉMI GRUBER, assistant professor
4. The effect of thyroid hormones on the phosphatidylinositol cycle  
Tutor: Dr. ISTVÁN ÉDES, assistant professor

#### DEPARTMENT OF DERMATOLOGY

1. The role of cytokines in the pathogenesis of psoriasis  
Tutor: Dr. LAJOS KEMÉNY, assistant lecturer
2. Second primary malignancies in patients with melanoma malignum  
Tutor: Dr. JUDIT OLÁH, researcher
3. Surgical techniques on the head and face tumors in the Outpatient Department of the Dermatologic Surgery Szeged (1992)  
Tutor: Dr. CAMILLO BERTÉNYI, scientific advisor

#### DEPARTMENT OF OTO-RHINO-LARYNGOLOGY

1. Multifrequency Tympanometry  
Tutor: Dr. JÓZSEF GÉZA KISS, senior research associate
2. Treatment of Menière Disease  
Tutor: Dr. ÉVA SZABADOS, assistant professor
3. Endoscopic sinus surgery in the treatment of chronic sinusitis  
Tutor: Dr. EDIT KADOCSA, assistant professor

#### DEPARTMENT OF NEUROLOGY AND PSYCHIATRY

1. Regeneration in the central nervous system  
Tutor: Dr. ELIZABETH KNYIHÁR, scientific advisor
2. Application of enzyme-histochemical and immuno-histochemical methods in neurology  
Tutor: Dr. JÁNOS TAJTI, assistant lecturer
3. Differential diagnostic approach to headache  
Tutor: Dr. JÁNOS TAJTI, assistant lecturer
4. Treatment of pain with Vinca alkaloids  
Tutor: Dr. JÁNOS TAJTI, assistant lecturer
5. Human motoneuron diseases  
(Etiology and therapeutic experiments)  
Tutor: Dr. JÓZSEF ENGELHARDT, assistant professor
6. Theories of the pathogenesis of multiple sclerosis  
Tutor: Dr. JÓZSEF ENGELHARDT, assistant professor
7. Autoimmunity in neurological diseases  
Tutor: Dr. JÓZSEF ENGELHARDT, assistant professor
8. Vascular syndromes of the brain stem  
Tutor: Dr. JÓZSEF ENGELHARDT, assistant professor
9. Differential diagnostic approach to coma  
Tutor: Dr. JÓZSEF ENGELHARDT, assistant professor
10. Neurological emergencies  
Tutor: Dr. JÓZSEF ENGELHARDT, assistant professor
11. Psychiatric symptoms in organic neurological diseases  
Tutor: Dr. KATALIN SAS, assistant lecturer
12. Myasthenia gravis: modern diagnostics  
Tutor: Dr. TAMÁS JÁRDÁNHÁZY, associate professor
13. The role of electrophysiology in diagnosis of polyneuropathies  
Tutor: Dr. GYÖRGY DIBÓ, assistant professor
14. Organic sleep disturbances  
Tutor: Dr. MÁRIA VÁRSZEGI, assistant professor
15. Primer and secunder insomnia  
Tutor: Dr. MÁRIA VÁRSZEGI, assistant professor
16. Death and dying from medical and psychiatric point of view  
Tutor: Dr. BEÁTA TEMESVÁRY, assistant professor

17. Suicide as medical psychosocial transcultural problem  
Tutor: Dr. BEÁTA TEMESVÁRY, assistant professor
18. Psychotherapy of psychosomatic diseases  
Tutor: Dr. ISTVÁN BONCZ, assistant professor
19. Transcultural aspects of adolescence  
Tutor: Dr. VERA CSÍK, assistant professor
20. Depression: clinical classification and therapy  
Tutor: Dr. ZOLTÁN JANKA, professor
21. Neuroimaging and pathochemistry of schizophrenia  
Tutor: Dr. ZOLTÁN JANKA, professor
22. Alzheimer's disease: biological and clinical aspects  
Tutor: Dr. ZOLTÁN JANKA, professor
23. Differential diagnosis of dementias  
Tutor: Dr. ZOLTÁN JANKA, professor
24. Neurobiological aspects of mental disorders  
Tutor: Dr. ZOLTÁN JANKA, professor
25. Language pathology in neurology and psychiatry  
Tutor: Dr. ÁGNES HEGYI, speech therapist
26. Psychoimmunology of depression and cancer  
Tutor: Dr. KLÁRA JÓZSA, assistant lecturer
27. Panic disorder: clinical symptoms and behavioural treatment  
Tutor: Dr. KÁROLY LAJKÓ, assistant professor

#### DEPARTMENT OF ORTHOPAEDICS

1. Pathogenesis and therapy of the hallux valgus  
Tutor: Dr. KÁLMÁN TÓTH, assistant lecturer
2. Pathogenesis, diagnosis and therapy of the rotator cuff injury  
Tutors: Dr. FERENC GRESKA, assistant lecturer and  
Dr. LÁSZLÓ MÉCS, assistant lecturer
3. Pathogenesis, diagnosis and therapy of the chronic synovitis of the knee joint  
Tutor: Dr. LÁSZLÓ MÉCS, assistant lecturer

#### DEPARTMENT OF SURGERY

1. Advantages of minimal invasive surgery in GI-tract operations  
Tutor: Dr. BÉLA BALTÁS, associate professor
2. Cancer of the thyroid. Classification, incidence and complex treatment  
Tutor: Dr. GYULA FARKAS, associate professor
3. Immunosuppressive treatment of kidney transplant patients  
Tutor: Dr. ERNŐ CSAJBÓK, assistant professor
4. Surgical treatment of acute arterial insufficiency  
Tutor: Dr. JÁNOS PEPÓ, assistant professor
5. Focal diseases of the liver  
Tutor: Dr. ANDRÁS PETRI, assistant professor

6. Surgical treatment of ulcerative colitis  
Tutor: Dr. ISTVÁN ZÖLLEI, assistant professor

#### **DIVISION OF CARDIAC SURGERY**

1. Ventricular septal defect  
Tutor: Dr. ELEMÉR DONAUER, assistant professor
2. Surgical therapy of complications of myocardial infarction  
Tutor: Dr. GÁBOR BOGÁTS, assistant lecturer

#### **DEPARTMENT OF NEUROSURGERY**

1. Cavernous angiomas of the brain (clinical study)  
Tutor: Dr. ÁDÁM KUNCZ, assistant lecturer

#### **DEPARTMENT OF OPHTHALMOLOGY**

1. Retinal degenerations  
Tutor: Dr. MÁRTA JANÁKY, assistant professor
2. Laser surgery of the retina  
Tutor: Dr. ANDREA FACSKÓ, assistant lecturer

#### **DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY**

1. Biometric parameters of intrauterine growth retardation  
Tutor: Dr. SÁMUEL ZALÁNYI, assistant professor
2. The role of the laparoscopy in the diagnosis of infertility  
Tutor: Dr. JÓZSEF DARU, assistant professor
3. The significance of computerized CTG in the late second trimester of pregnancy  
Tutor: Dr. GYÖRGY BÁRTFAI, associate professor
4. Screening of aneuploidies in the early gestation  
Tutor: Dr. JÁNOS SZABÓ, assistant professor
5. Transcervical resection of endometrium for menorrhagia  
Tutor: Dr. BÉLA G. MOLNÁR, assistant lecturer
6. Prevention of preeclamptic toxæmia by intermittent low-dose prostaglandin synthetase inhibitor treatment  
Tutor: Dr. JÁNOS HERCZEG, associate professor

#### **DEPARTMENT OF UROLOGY**

1. The diagnostical value of Staging-methods in bladder cancer  
Tutor: Dr. GÉZA KOVÁCS, assistant lecturer
2. Detrusor instability in lower urinary obstruction  
Tutor: Dr. LÁSZLÓ BÉLI, specialist
3. Lower urinary obstruction due to prostate cancer  
Tutor: Dr. OLIVÉR PINTÉR, assistant lecturer

4. Voiding disorders in chronic prostatitis  
Tutor: Dr. ZOLTÁN CSENKE, specialist
5. The results of our ESWL-therapy  
Tutor: Dr. ATTILA TOLDI, specialist
6. Medical therapy of BPH  
Tutor: Dr. SÁNDOR SCULTÉTY, professor
7. The role of sexually transmitted diseases in practical urology  
Tutor: Dr. ZOLTÁN CSENKE, specialist
8. Ultrasonic diagnostics in andrologic patients  
Tutor: Dr. LÁSZLÓ TÖRÖK, specialist
9. Reconstructive surgical methods of bladder substitution  
Tutor: Dr. ATTILA KISS, assistant professor
10. Clinical significance of ureter-stenting  
Tutor: Dr. LÁSZLÓ BÉLI, specialist
11. Percutaneous nephrostoma in the treatment of anuric patients due to lower urinary obstruction  
Tutor: Dr. OLIVÉR PINTÉR, assistant lecturer
12. PSA as prognostic factor in prostata cancer  
Tutor: Dr. ATTILA TOLDI, specialist
13. "Accidental" diagnosis of kidney tumor  
Tutor: Dr. ISTVÁN SZALAY, assistant lecturer
14. Preoperative complications of transurethral prostatic resection  
Tutor: Dr. TAMÁS OROSZI, specialist
15. The treatment of coralliform stones of the kidney  
Tutor: Dr. ISTVÁN SZALAY, assistant lecturer
16. Present aspect of the treatment of the ureteric stones  
Tutor: Dr. LÁSZLÓ BÉLI, specialist

## **TIME-TABLES**

for 1-5 years

Changes in the time-tables will be put on the notice-board of the  
English Secretariat

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	BIOPHYSICS lect. in Dept. of Ophthalmology	INTRODUCTION TO PREVENTIVE MEDICINE lect. in 1 <sup>st</sup> Dept. of Internal Medicine	MEDICAL CHEMISTRY lect.	Biology pract. gr. 3, 4 Chemistry pract. gr. 5, 6 Biophysics pract. gr. 1, 2 Hungarian lang. gr. 1, 2	Anatomy pract. gr. 5-7 Biophysics pract. gr. 3, 4 Hungarian lang. gr. 1, 2
9-10		SHORT HISTORY OF HUNGARY lect. in 1 <sup>st</sup> Dept. of Internal Medicine	in Dept. of Ophthalmology		
10-11	COMPUTING lect. in Dept. of Ophthalmology	MEDICAL CHEMISTRY lect. in Dept. of Ophthalmology	BIOPHYSICS lect. in Dept. of Ophthalmology	Biology pract. gr. 3, 4 Chemistry pract. gr. 5, 6 Biophysics pract. gr. 7 Hungarian lang. gr. 1, 2	Anatomy pract. gr. 5-7 Biophysics pract. gr. 3, 4 Hungarian lang. gr. 1, 2
11-12	Anatomy pract. gr. 1-4 Biophysics pract. gr. 5, 6 Hungarian lang. gr. 7	ANATOMY lect. in Dept. of Anatomy	BIOLOGY lect.		
12-13			in Educational Centre	Hungarian lang. gr. 7	Physical training gr. 1-7
13-14	Comp. gr. 5, 6				
14-15	Comp. gr. 7	Histology pract. gr. 4-7 Anatomy sem. gr. 1-7	ANATOMY PREP. course in Dept. of Anatomy	Hungarian lang. gr. 5-6 Hungarian lang. gr. 7	Biology pract. gr. 7 Chemistry pract. gr. 7 Hungarian lang. gr. 3-5 Latin lang. gr. 1, 2, 6
15-16	Histology pract. gr. 1-3 Hungarian lang. gr. 4-6 Latin lang. gr. 7		Hungarian lang. gr. 1-3, 6, 7 Latin lang. gr. 4, 5		
16-17					
17-18					
18-19					
19-20					

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	BIOCHEMISTRY lect.	PHYSIOLOGY lect.	PHYSIOLOGY lect.	Physiology pract. gr. 1, 2	Physiology pract. gr. 5, 6
9-10	In Dept. Pediatrics	In Dept. of Physiology	In Dept. of Physiology	Histology pract. gr. 4-6	Histology pract. gr. 1-3
10-11	Biochemistry pract. gr. 1, 2	BIOLOGY lect.	BIOCHEMISTRY lect. In Educational Centre	Physiology sem. gr. 1, 2	Biology pract. gr. 3
11-12	Hungarian lang. gr. 3, 4	In Educational Centre	Hungarian lang. gr. 5, 6	Hungarian lang. gr. 5, 6	ANATOMY lect.
12-13	Physiology pract. gr. 5, 6		Anatomy pract. gr. 2-4	Physical training gr. 1-7	In Dept. of Anatomy
13-14	Physiology sem. gr. 5, 6	Physiology pract. gr. 3, 4			
14-15	Hungarian lang. gr. 1, 2	Biology pract. gr. 2	Biochemistry pract. gr. 5, 6		
15-16	Biochemistry pract. gr. 3, 4	Anatomy pract. gr. 1, 5, 6	Hungarian lang. gr. 2, 3	Hungarian lang. gr. 1-4	Hungarian lang. gr. 1, 4-6
16-17	Biology pract. gr. 1				
17-18					
18-19					
19-20					

TIME	MONDAY		TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Pathophysiol. pr. gr. 3, 4	Pathology pract. gr. 1, 2	PATHOLOGY lect.  in Dept. of Anatomy	INTERNAL MEDICINE lect.  in 1 <sup>st</sup> Dept. of Internal Medicine	PATHOPHYSIOLOGY lect.  in Dept. of Obstetrics	Microbiol. pr. gr. 1, 2
9-10						
10-11	Hungarian lang. gr. 3, 4	Pathology pract. gr. 1, 2	ETHICS lect. & sem.  in 1 <sup>st</sup> Dept. of Internal Medicine	Hung. I. gr. 1, 2	MICROBIOLOGY & IMMUNOLOGY lect. in Dept. of Ophthalmology	Hungarian lang. gr. 1, 2
11-12						
12-13	Internal Med. pr. gr. 1-4	Hung. I. gr. 3, 4	Microbiol. pr. gr. 3, 4	Pathophysiol. pr. gr. 1, 2		MICROBIOLOGY & IMMUNOLOGY lect. in Dept. of Physiology
13-14						
14-15					PATHOLOGY lect.  in Dept. of Anatomy	
15-16						Operative tech. gr. 1-4
16-17						
17-18						
18-19						
19-20						

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
8-9	OBSTETRICS & GYNECOLOGY lect.	INTERNAL MEDICINE lect.	MEDICAL PSYCHOLOGY lect. & pract.	PHARMACOLOGY lect.	SURGERY lect.	
9-10	in Dept. of Obstetrics	in 2 <sup>nd</sup> Dept. of Internal Medicine	in "Új Klinika"	in Dept. of Pharmacology	in Dept. of Clinical Surgery	
10-11	PHARMACOLOGY lect. in Dept. of Pharmacology		ORTHOPÆDICS lect. in "Új Klinika"	NUCLEAR MEDICINE lect. & pract. in 1 <sup>st</sup> Dept. of Internal Medicine	RADIOLOGY lect. in "Új Klinika"	
11-12	Pharmacology pr. gr. 1-3		Hungarian lang. gr. 1-3		Radiol. gr. 1-3	
12-13						
13-14						OBSTETRICS & GYNECOLOGY lect. in Dept. of Obstetrics
14-15	PULMONOLOGY lect. in Dept. of Pediatrics		Obstetrics pr. gr. 1-3			
15-16	Hung. I gr. 1-3			Orthopaedics pract. gr. 1-3		
16-17						
17-18						
18-19						
19-20						

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	NEUROLOGY lect. in "Új Klinika"	INTERNAL MEDICINE lect.  in 2 <sup>nd</sup> Dept. of Internal Medicine	Public Health pr. gr. 1-3	OTO-RHINO-LARYNGOL. lect.  in Dept. of Pediatrics	DERMATOLOGY lect.  in 2 <sup>nd</sup> Dept. of Internal Medicine
9-10	PSYCHIATRY lect. in Dept. of Pediatrics				
10-11	PEDIATRICS lect.  in Dept. of Pediatrics	O-R-L pract. gr. 1-3	PEDIATRICS lect. in Dept. of Pediatrics	Dermatology pr. gr. 1-3	PUBLIC HEALTH lect.  in Dept. of Public Health
11-12			FORENSIC MEDICINE lect.  in Dept. of Anatomy		
12-13					
13-14	DERMATOLOGY lect. in 2 <sup>nd</sup> Dept. of Internal Medicine				
14-15	Dermatol. gr. 1-3	FORENSIC MEDICINE lect.  in Dept. of Anatomy	NEUROSURGERY lect. in "Új Klinika"	Neural. & Psych. gr. 1-3	Pediatrics pr. gr. 1-3
15-16	SURGERY lect. & pract. for gr. 1-3		Neuro. gr. 1-3		
16-17	in Dept. of Surgery		O-R-L gr. 1-3		
17-18					
18-19					
19-20					

TIME	MONDAY				TUESDAY	WEDNESDAY	THURSDAY	FRIDAY					
8-9	Biology pract. gr. 5, 6 Medical chemistry pract. gr. 7 Physical training gr. 1-4	Hungarian lang. gr. 3, 4 Latin lang. gr. 1, 2	Hungarian lang. gr. 2 Biophysics pract. gr. 1 Latin lang. gr. 3, 4		BIOLOGY lect. In Dept. of Ophthalmology	PSYCHOLOGY lect. in "Új Klinika"	FIRST AID lect. & pract.  in "Új Klinika"	Biology pract. gr. 1, 2 Medical chemistry pract. gr. 3, 4 Physical training gr. 5-7	Anatomy pract. gr. 5-7				
9-10						SHORT HISTORY OF HUNGARY lect. In 2 <sup>nd</sup> Dept. of Internal Medicine							
10-11					BIOPHYSICS lect. In Dept. of Ophthalmology	Anatomy pract. gr. 1-4 Hungarian lang. gr. 5, 6 Biophysics pract. gr. 7	MEDICAL CHEMISTRY  In Dept. of Ophthalmology						
11-12													
12-13					ANATOMY lect.  In Dept. of Anatomy								
13-14													
14-15	Biophysics pract. gr. 3 Hungarian lang. gr. 5-7				MEDICAL CHEMISTRY lect. In Dept. of Ophthalmology	ANATOMY lect. In Dept. of Anatomy	Histology pract. gr. 1-4 Biophysics pract. gr. 5 Hungarian lang. gr. 6, 7						
15-16					Biophysics pract. gr. 2 Histology pract. gr. 5-7 Hungarian lang. gr. 1, 3, 4	BIOLOGY lect. In Educational Centre	Biophysics pract. gr. 6 Hungarian lang. gr. 1, 2, 4, 5 Latin lang. gr. 7						
16-17													
17-18													
18-19													
19-20													



TIME	MONDAY				TUESDAY			WEDNESDAY			THURSDAY			FRIDAY		
8-9	Pathology pract. gr. 1, 2	Pathophys. pract. gr. 4	Hungarian lang. gr. 3		PATHOLOGY lect.  in Dept. of Anatomy			PATHOPHYSIOLOGY lect.  in Dept. of Obstetrics			PATHOPHYSIOLOGY lect. in Dept. of Obstetrics			Pathology pract. gr. 3, 4	Microbiol. pr. gr. 1	
9-10																
10-11	Pathology pract. gr. 3, 4	Soc. m. gr. 4			Pathol. gr. 1, 2	Hung. l. gr. 3, 4		MICROBIOLOGY & IMMUNOLOGY lect.			In 1 <sup>st</sup> Dept. of Internal Medicine			Pathology pract. gr. 3, 4	Microbiol. pr. gr. 2	Hung. l. gr. 1
11-12	Pathology pract. gr. 3, 4			INTERNAL MEDICINE lect.  in 1 <sup>st</sup> Dept. of Internal Medicine			In 1 <sup>st</sup> Dept. of Internal Medicine									
12-13	Pathology pract. gr. 1, 2	Pathophys. pract. gr. 3								INTERNAL MEDICINE lect.  in 1 <sup>st</sup> Dept. of Internal Medicine			Internal med. pr. gr. 1-4			Surgical proped. gr. 1-4
13-14	Pathology pract. gr. 1, 2	Pathophys. pract. gr. 3	Soc. m. gr. 1	Hung. l. gr. 2												
14-15	Pathology pract. gr. 3, 4	Operative tech. gr. 2	Hungarian lang. gr. 4		PSYCHOLOGY lect. in "Új Klinika"			Operative tech. gr. 3, 4			Microbiol. pr. gr. 4	Pathophys. pract. gr. 2	Hungarian lang. gr. 1	Soc. m. gr. 3	Microbiol. pr. gr. 3	Hungarian lang. gr. 2
15-16	Pathology pract. gr. 3, 4	Operative tech. gr. 2	Hungarian lang. gr. 4	Psychol. gr. 1-4												
16-17																
17-18																
18-19																
19-20																

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	RADIOLOGY lect. in "Új Klinika"	OBSTETRICS & GYNÆCOLOGY lect.	PUBLIC HEALTH lect. & pract.	STOMATOLOGY lect. in 1 <sup>st</sup> Dept. of Internal Medicine	OXYOLOGY lect.
9-10	Radol. gr. 1-3	In Dept. of Obstetrics	In Dept. of Pediatrics	INTERNAL MEDICINE lect.	In Dept. of Surgery
10-11	SURGERY lect. In Dept. of Surgery	PUBLIC HEALTH lect. In 1 <sup>st</sup> Dept. of Internal Medicine	OBSTETRICS & GYNÆCOLOGY in Dept. of Obstetrics	In 1 <sup>st</sup> Dept. of Internal Medicine	TROPICAL DISEASES lect. & pract. for gr. 1-3
11-12		INTERNAL MEDICINE lect.	PHARMACOLOGY lect.	PHARMACOLOGY lect.	In Dept. of Pediatrics
12-13	MEDICAL PSYCHOLOGY lect. in "Új Klinika"	In 1 <sup>st</sup> Dept. of Internal Medicine	In Dept. of Pharmacology	In Dept. of Physiology	
13-14					OXYOLOGY lect. In Dept. of Surgery
14-15	Obstetric pract. gr. 1-3	Pharmacology pr. gr. 1-3	Surgery pract. gr. 1-3	Hung. I. gr. 1-3	Stomatology pract. gr. 1-3
15-16				OXYOLOGY lect.	
16-17	Psychol. gr. 1-3	Hungarian lang. gr. 1-3	Internal med. pr. gr. 1-3	In Dept. of Surgery	
17-18					
18-19					
19-20					

TIME	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		
8-9	PUBLIC HEALTH lect.  In Dept. of Public Health		PUBLIC HEALTH lect. In Dept. of Public Health		UROLOGY lect. in Dept. of Urology		Neurology & Psychiatry pr. gr. 1-3		PEDIATRICS lect.  In Dept. of Pediatrics		
9-10			Internal med. pr. gr. 1-3		Urology pract. gr. 1-3						
10-11	Public health pr. gr. 1-3						CLINICAL GENETICS lect. In Educational Centre			FORENSIC MEDICINE lect.  in Dept. of Anatomy	
11-12											
12-13											
13-14			Ophthalmology pr. gr. 1-3		FORENSIC MEDICINE lect.  In Dept. of Anatomy		PSYCHIATRY lect.  in "Ūj Klinika"		Pediatrics pract. gr. 1-3		INTERNAL MEDICINE lect.  In 1 <sup>st</sup> Dept. of Internal Medicine
14-15	OPTIONAL COURSE  In Educational Centre										
15-16											
16-17											
17-18											
18-19											
19-20											

## RECOMMENDED TEXTBOOKS

For 1st year medical students

### BIOPHYSICS

1. Paul Peter Urone: Physics with Health Science Applications  
Harper and Row Publishers, New York, ISBN 0-06-046732-0
2. F.R. Hallett, R.H. Stinson and P.A. Speight:  
Physics for Biological Sciences  
Methuen/Chapman and Hall, ISBN 0-458-95280-X (Methuen)  
ISBN 0-412-24750-X (Chapman) 11 New Fetter Lane, London EC4P 4EE
- 3.\* C. Sybesma: Biophysics, an Introduction  
Kluwer Academic Publishers, ISBN 0-7923-0030-0
4. A.C. Damask: Medical Physics Vol. I. II. III.  
Academic Press, New York, ISBN 0-12-201201-1
5. T.F. McAtinsh (ed.): Physics in Medicine and Biology Encyclopedia  
Vol. I-II.  
Pergamon Press, ISBN 0-08-026497-2

### ANATOMY

1. Kahle, Leonhardt and Platzer: Color Atlas and Textbook of Human  
Anatomy Vol. 1-3  
Georg Thieme Verlag
- 2.\* Gray's Anatomy  
Ed.: P.L. Williams and R. Warwick, 36th Edition

### HISTOLOGY

1. M.H. Ross and Edward J. Reith: Histology. A Text and Atlas  
Harper International Ed.  
ISBN 0-06-350617-3
- 2.\* A.W. Ham and D.H. Cormack: Histology  
J.B. Lippincott Company

3. R.S. Snell: Clinical and Functional Histology for Medical Students  
Little Brown and Company
4. R.V. Krstic: Illustrated Encyclopedia of Human Histology  
Springer Verlag
5. Sobotta/Hammersen: Histology/Color Atlas of Microscopic Anatomy  
Urban and Schwarzenberg

#### EMBRYOLOGY

1. Keith L. Moore: Before We Are Born. Basic Embriology and Birth Defects  
Saunders Co., ISBN 0-7216-6450-4
- 2.\* W.J. Hamilton, Boyd and Mossman: Human Embryology  
Williams and Wilkins Company  
MacMillan Press Ltd.

#### MEDICAL BIOLOGY

1. Darnell-Lodish-Baltimore: Molecular Cell Biology  
Scientific American Books  
ISBN 0-7167-6001-0 (International Student Ed.)  
Distributed by W.H. Freeman and Company, 41, Madison Avenue,  
New York 10010
2. Alan E.H. Emery and Robert F. Mueller: Elements of Medical Genetics  
(Student Notes)  
Churchill Livingstone Edinburgh, London, Melbourne and New York
- 3.\* William K. Purves, Gordon H. Orians: Life: The Science of Biology  
Sinauer Associates Inc. Publishers  
Sunderland, Massachusetts, 1987.  
ISBN 0-87893-733-1

#### MEDICAL CHEMISTRY

- 1.\* Darell D. Ebbing: General Chemistry  
Houghton Mifflin Company, Boston, ISBN 0-395-31489-5
2. Harold Hart: Organic Chemistry (A Short Course)  
Houghton Mifflin Company, Boston, ISBN 0-395-32611-7

## RECOMMENDED TEXTBOOKS

For second year medical students

### ANATOMY

1. Kahle, Leonhardt and Platzer: Color Atlas and Textbook of Human Anatomy Vol. 1-3  
Georg Thieme Verlag
- 2.\* Gray's anatomy  
Ed.: P.L. Williams and R. Warwick, 36th Edition
3. Gardner, Gray and O'Rahilly: Anatomy  
W.B. Saunders Company
4. Murray L. Barr: The Human Nervous System. An Anatomical Viewpoint  
Harper Internat. Ed. ISBN 0-06-140312-1

### HISTOLOGY

1. M.H. Ross and Edward J. Reith: Histology: A Text and Atlas  
Harper Internat. Ed. ISBN 0-06-350617-3
- 2.\* A.W. Ham and D.H. Cormack: Histology  
J.B. Lippincott Company
3. R.S. Snell: Clinical and Functional Histology for Medical Students  
Little Brown and Company
4. R.V. Krstic: Illustrated Encyclopedia of Human Histology  
Springer Verlag
5. Sobotta-Hammersen: Histology: Color Atlas of Microscopic Anatomy  
Urban and Schwarzenberg

### EMBRYOLOGY

1. Keith L. Moore: Before We Are Born. Basic Embriology and Birth Defects  
Saunders Co., ISBN 0-7216-6450-4
- 2.\* Hamilton, Boyd and Mossman: Human Embryology  
Williams and Wilkins Company

### BIOCHEMISTRY

- 1.\* R.K. Murray, D.K. Granner, P.A. Mayes, V.W. Rodwell:  
Harper's Biochemistry  
22nd edition by Appleton et Lange  
Prentice Hall Internaional (UK) Limited, London, ISBN 0-8385-3654-9
2. L. Stryer: Biochemistry  
3rd edition by WH Freeman and Company (New York)  
ISBN 0-7167-1843-X

### MEDICAL BIOLOGY

1. Darnell-Lodish-Baltimore: Molecular Cell Biology  
Scientific American Books  
ISBN 0-7167-6001-0 (International Student ed.)  
Distributed by W.H. Freeman and Company  
41 Madison Avenue, New York 10010
2. Alan E.H. Emery and Robert F. Mueller: Elements of Medical Genetics  
(Student Notes)  
Churchill Livingstone Edinburgh, London, Melbourne and New York
- 3.\* William K. Purves, Gordon H. Orians: Life: The Science of Biology  
Sinauer Associates Inc. Publishers  
Sunderland, Massachusetts, 1987.  
ISBN 0-87893-733-1

### PHYSIOLOGY

- 1.\* Human Physiology  
Schmidt, R.F., Thews, B. (Eds)  
2nd Ed.  
1 (3-540-19432-0)
2. A.C. Guyton: Textbook of Medical Physiology  
Saunders Co., Philadelphia-London-Toronto, ISBN 0-7216-1260-0
3. W.F. Gannong: Review of Medical Physiology  
Lange Medical Publications, California

## RECOMMENDED TEXTBOOKS

For third year medical students

### SURGERY

- 1.\* **Hardy's Textbook of Surgery**  
James D. Hardy, J.B. Lippincott Company, Philadelphia  
ISBN 0-397-50818-2
- 2.\* **L.W. Way: Current Surgical Diagnosis and Treatment**  
9th ed. Appleton Century-Crofts  
East Norwalk, Conn. 1989
- 3.\* **D.C. Sabiston: Davis-Christopher: Textbook of Surgery**  
W.B. Saunders Co., Philadelphia, 1988

### MICROBIOLOGY

- 1.\* **Review of Medical Microbiology**  
E. Jawetz, J.L. Melnick, E.A. Adelberg, Eighteenth Edition  
Appleton and Lange, Norwalk, Connecticut, Los Altos, California
2. **Essential Immunology**  
Ivan M. Roitt, Sixth Edition  
Blackwell Scientific Publication
3. **W. Peters, H.M. Gilles: A Colour Atlas of Tropical Medicine and Parasitology**  
Third Edition, Wolfe Publishing Ltd 2-16, Torrington Place London

### PATHOLOGY

- 1.\* **Robbins S.L., Kumar V.: Basic Pathology**  
4th edition  
Saunders Company, Philadelphia (USA)

### INTERNAL MEDICINE

- 1.\* **Harrison's: Principles of Internal Medicine**  
10th or 11th Edition, McGraw-Hill Book Company
- 2.\* **DeGowing Degowin's Bedside Diagnostic Examination**  
4th or 5th Edition, MacMillan Publishing Company, New York  
Collier MacMillan Publishers, London

3. Cecil: Textbook of Medicine  
Ed. P.B. Benson et al., Saunders Company,  
Philadelphia-London-Toronto, (part XVIII.)
4. Oxford Textbook of Medicine, 1-2 Vol.  
Ed.: D.J. Weatherall, Oxford University Press
5. Braunwald, Isselbacher, Peterdorf, Wilson, Martin, Fanci:  
Harrison's Principles of Internal Medicine  
McGraw-Hill Book Company, (XI. Ed.), 1-2 Vol.  
ISBN 0-07-100123-4
- 6.\* Williams: Haematology  
McGraw-Hill Book Company
- 7.\* M. Sokolow, M.B. McIlroy: Clinical Cardiology  
4th edition, Appleton and Lange  
ISBN 0-8385-0023-4
- 8.\* E. Braunwald: The Heart Textbook of Cardiovascular Medicine  
3rd edition, W.B. Saunders Company
- 9.\* Barbara Bates: A Guide to Physical Examination and History Taking  
4th ed.  
J.B. Lippincott Company, Philadelphia

#### CLINICAL DIAGNOSTICS

1. Kaplan, A., Szabo Lav. L., Opheim, K.E.:  
Clinical Chemistry: Interpretation and Techniques  
Third edition, Lea and Febiger, Philadelphia  
ISBN 0-8121-1146-X

#### STOMATOLOGY

1. Cawson: Essentials Dental Surgery and Pathology

#### PATHOPHYSIOLOGY

1. Edward D. Frohlich M.D.: Pathophysiology  
J.B. Lippincott Co., 3rd edition
- 2.\* Harrison's Principles of Internal Medicine  
McGraw-Hill Book Co., London, Hamburg, Milan (International Edition)

## RECOMMENDED TEXTBOOKS

For fourth year medical students

### SURGERY

- 1.\* Hardy's Textbook of Surgery  
James D. Hardy, J.B. Lippincott Company, Philadelphia  
ISBN 0-397-50818-2
- 2.\* L.W. Way: Current Surgical Diagnosis and Treatment  
Publ. Appleton Century-Crofts,  
East Norwalk, Ct. 9th Edition
- 3.\* Davis-Christopher: Textbook of Surgery  
W.B. Saunders Co., Philadelphia, 14th Edition

### OBSTETRICS AND GYNAECOLOGY

- 1.\* E. Malcolm Symonds: Essential Obstetrics and Gynaecology  
Churchill Livingstone  
Edinburgh, London, Melbourne and New York
- 2.\* M.M. Garrey, A.D.T. Govan, C. Hodge, R. Callander:  
Obstetrics Illustrated  
Third Edition, Churchill Livingstone, Edinburgh, London and New York
- 3.\* A.D.T. Govan, C. Hodge, R. Callander: Gynaecology Illustrated  
Third Edition, Edinburgh, London, Melbourne and New York

### OXYOLOGY AND INTENSIVE THERAPY

1. Dripps-Eckenhoff-Vandam: Introduction to Anesthesia  
W.B. Saunders Company  
Philadelphia-London... Tokyo

### INTERNAL MEDICINE

- 1.\* Harrison's: Principles of Internal Medicine  
10th or 11th Edition, McGraw-Hill Book Company

- 2.\* DeGowin Degowin's: Bedside Diagnostic Examination  
4th or 5th Edition, MacMillan Publishing Company, New York  
Collier MacMillan Publishers, London
3. Cecil: Textbook of Medicine  
Ed. P.B. Benson et al.  
Saunders Company, Philadelphia-London-Toronto, Part XVIII.
4. Oxford Textbook of Medicine, 1-2  
Ed.: D.J. Weatherall, Oxford University Press
5. Braunwald, Isselbacher, Peterdorf, Wilson, Martin, Fanci: Harrison's Principles of Internal Medicine  
McGraw-Hill Book Company, (XI. Ed.) 1-2  
ISBN 0-07-100134-4
- 6.\* Williams: Haematology  
MacGraw-Hill Book Comp.
- 7.\* M. Sokolow, M.B. McIlroy: Clinical Cardiology  
4th edition, Appleton et Lange  
ISBN 0-8385-0023-4
- 8.\* E. Braunwald: The Heart: The Textbook of Cardiovascular Medicine  
3rd edition, W.B. Saunders Company
- 9.\* Barbara Bates: A Guide to Physical Examination and History Taking 4th ed.  
J.B. Lippincott Company, Philadelphia

### RADIOLOGY

1. Radiology and Imaging for Medical Students  
D. Sutton, 5th Edition  
Churchill Livingstone, Edinburgh, London, Melbourne, New York

### ORTHOPAEDICS

1. H.A. Sissons, R.O. Murray, H.B.S. Kemp: Orthopaedics Diagnosis  
Springer Verlag, ISBN 3-540-12759-X
2. Pediatric Orthopaedics, Vol. 1-2  
Ed.: W. Lowell and R.B. Winter, J.B. Lippincott Company  
Philadelphia, Second Edition

3. Orthopaedics: Principles and their Application, Vol. 1-2  
S. Turek, Fourth Edition  
J.B. Lippincott Company, Philadelphia
4. Musculoskeletal Disorders: Regional Examination and Differential  
Diagnosis  
R.D.D. Ambrosia, Second Edition  
J.B. Lippincott Company, Philadelphia

#### PULMONOLOGY

1. Harrison's: Principles of Internal Medicine  
7th Edition, McGraw-Hill Book Company
2. Mandel G.L., Douglas R.G., Bennett J.E.:  
Principles and Practice of Infectious Diseases  
Churchill Livingstone
3. Dickon R.J.: Assessment of the Pulmonary Patient  
Faculty Lecture Series in Respiratory Care  
John W. Yotsey Edition

#### CLINICAL DIAGNOSTICS

1. Kaplan A., Szabo, Lav. L., Opheim, K.E.:  
Clinical Chemistry - Interpretation and Techniques  
Third Edition, Lea and Febiger, Philadelphia  
ISBN 0-8121-1146-X

#### PSYCHIATRY

1. H.I. Kaplan and B.J. Sadock: Synopsis of Psychiatry  
Williams and Wilkins: Baltimore M.D.  
ISBN 0-683-04518-0

#### NUCLEAR MEDICINE

1. M.N. Maisey, K.E. Britton, D.L. Gliday: Clinical Nuclear Medicine  
Chapman and Hill, London, ISBN 0-412-220407

#### MEDICAL PSYCHOLOGY

1. John W. Santrock: Psychology (A Science of Mind and Behaviour)  
W.C. Brown Publishers, Dubuque, Iowa, 3rd edition
2. John Weinman: An Outline of Psychology as Applied to Medicine  
Wright Publishers, Bristol, 2nd edition

## RECOMMENDED TEXTBOOKS

For fifth year medical students

### FORENSIC MEDICINE

1. Keith Simpson CBE and Bernard Knight: Forensic Medicine  
Ninth Edition, Edward Arnold, London

### PUBLIC HEALTH

1. John M. Last: Public Health and Human Ecology  
Appleton and Lange, Norwalk, Connecticut USA  
Prentice-Hall International Editions
2. Abram S. Benenson: Control of Communicable Diseases in Man  
The American Public Health Association, 1015 Fifteenth Street NW  
Washington DC 20005, 14th Edition
3. H.A. Waldron: Lectur Notes on Occupational Medicine  
Blackwell Scientific Publications Oxford, London, Boston, 3rd Edition
4. Maxcy-Rosenau: Public Health and Preventive Medicine  
Editor: J. Last, 12th Edition  
Appleton Century Crofts, Norwalk, Connecticut, USA

### INTERNAL MEDICINE

- 1.\* Harrison's: Principles of Internal Medicine  
10th or 11th Edition, McGraw-Hill Book Company
- 2.\* DeGowin DeGowin's: Bedside Diagnostic Examination  
4th or 5th edition, MacMillan Publishing Company  
New York, Colier MacMillan Publishers, London
3. Cecil: Textbook of Medicine  
Ed. P.B. Benson et al.  
Saunders Company, Philadelphia-London-Toronto, Part XVIII.
4. Oxford Textbook of Medicine, 1-2 Vol.  
Ed.: D.J. Weatherall, Oxford Univ. Press

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\* available against Forint payment at the Medicina Bookshop Szeged, Tisza  
Lajos krt. 48

5. Braunwald, Isselbacher, Peterdorf, Wilson, Martin, Fanci: *Harrison's Principles of Internal Medicine*  
McGraw-Hill Book Company, (XI. ed.) 1-2 Vol.  
ISBN 0-07-100134-4
- 6.\* Williams: *Haematology*  
MacGraw-Hill Book Company
- 7.\* M. Sokolow, M.B. McIlroy: *Clinical Cardiology*  
4th Edition, Appleton et Lange  
ISBN 0-8385-0023-4
- 8.\* E. Braunwald: *The Heart: The Textbook of Cardiovascular Medicine*  
3rd edition, W.B. Saunders Company
- 9.\* Barbara Bates: *A Guide to Physical Examination and History Taking*  
4th ed.  
J.B. Lippincott Company, Philadelphia

#### DERMATOLOGY

1. Rona M. Mackie: *Clinical Dermatology: An Illustrated Textbook*  
Oxford Medical Publications, Oxford University Press,  
Oxford-New York-Tokyo, ISBN 0-19-261582-3

#### OTO-RHINO-LARYNGOLOGY

1. Otolaryngology-Head and Neck Surgery: *Principles and Concepts*  
Jerry Templer, William E. Davis  
Ed.: Ishiyaku Euro-Amerika, Inc. St. Louis Tokyo  
Order from:  
Ishiyaku Euro-Amerika Inc.  
11559 Rock Island Court, Maryland Heights (St. Louis), Missouri  
63043 USA, ISBN 0-912791-46-2
2. *Diseases of the Nose, Throat and Ear – A Handbook for Students and Practitioners*  
I. Simson Hall, Bernard H. Colman  
Editor: Churchill Livingstone, Robert Stevenson House,  
1-3 Baxter's Place Leith Walk, Edinburgh EH1 3AF  
ISBN 0-443-03420-b  
Order from:  
Churchill Livingstone, Robert Stevenson House,  
1-3 Baxter's Place Leith Walk, Edinburgh EH1 3AF

3. **Ear, Nose and Throat Diseases - A Pocket Reference**  
Walter Becker, Hans Heinz Naumann and Carl Rudolf Pfaltz  
Edited by Rishard A., Buckingham  
Editor: George Thieme Verlag, Thieme Medical Publishers, Inc.  
Stuttgart, New York, ISBN 3-13-671201-3 (Georg Thieme Verlag,  
Stuttgart)  
ISBN 0-86577-226-6 (Thieme Medical Publishers Ins., New York)  
Order:  
Georg Thieme Verlag, Rüdiger Strasse 14.  
D-7000 Stuttgart 30, FRG  
Thieme Medical Publishers, Inc., 381 Park Avenue South New York, N.Y.  
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### PEDIATRICS

- 1.\* **Essential Pediatrics**  
David Hull, Derek I. Johnston  
Second edition, 352 p. 302 illust.  
Churchill Livingstone Ed., Robert Stevenson House, 1-3 Baxter's Place,  
Leith Walk, Edinburgh EH1 0BA, U.K.

### NEUROLOGY

- 1.\* **M. Mumenthaler: Neurology**  
Georg Thieme Verlag, Stuttgart, New York  
ISBN 3-13-523902-0
- 2.\* **Kaplan H.I., Sadock B.J.: Synopsis of Psychiatry**  
Williams and Wilkins: Baltimore, MD

### SURGERY

- 1.\* **Hardy's Textbook of Surgery**  
James D. Hardy, J.B. Lippincott Company, Philadelphia  
ISBN 0-397-50818-2

### OPHTHALMOLOGY

1. **Hollwich, F.: Ophthalmology - A Short Textbook**  
Translated and adapted by Blodi, F.C., 2nd edition  
Georg Thieme Verlag, Rüdigerstr. 14. 7000 Stuttgart 30. FRG

### PULMONOLOGY

1. Harrison's: Principles of Internal Medicine  
7th edition, McGraw-Hill Book Company
2. Mandel G.L., Douglas R.G., Beneth J.E.:  
Principles and Practice of Infectious Diseases  
Churchill Livingstone
3. Dickon R.J.: Assessment of the Pulmonary Patient  
Faculty Lecture series in respiratory care  
John W. Yotsey, Editor

### UROLOGY

1. Badenoch, D.: Aids to Urology  
Churchill Livingstone, (0-443-03549-0)
2. Urology: A Core Textbook  
Stephen N. Rous, 367 p., pap 34.95  
ISBN 0-8385-9317-8  
Appleton and Lange
3. Urology, Guide for Diagnosis and Therapy  
Carl-Erich Alken and Jürgen Sökeland with Rainer M.E. Engel  
Foreword by W.E. Goodwin  
Thieme, Flexibook, Georg Thieme Verlag, Stuttgart-New York

### CLINICAL GENETICS

1. Harper, P.S.: Practical Genetics Counselling  
Wright, Bristol
2. Goodman, R.M.-Golin, R.J.: The Malformed Child  
Oxford Univ. Press, New York, Oxford

## CURRICULUM AND ORDER OF EXAMINATIONS FOR THE FACULTY OF PHARMACY (ENGLISH CLASS)

Academic Year 1993/94.

### FIRST YEAR

#### Fall term

Subjects	Hours per week		Form of examination
	theory	practice	
Physics-Biophysics	2	2	P
History of Pharmacy, Pharmaceutical Propedeutics	2	—	O
Mathematics	2	2	O + P
General and Inorganic Chemistry	3	5	O + P
Biology	2	—	—
Hungarian Language	—	6	P
English Language	—	2	P
Latin Language	—	2	—
Short History of Hungary	1	—	—
Physical Training	—	2	—
12                      21			33

P = Practical mark

O = Oral examination

F = Final oral examination

PE = Preliminary examination

## Spring term

Subjects	Hours per week		Form of examination
	theory	practice	
Physics-Biophysics	2	2	F
General and Inorganic Chemistry	3	—	F
Qualitative Chemical Analysis	2	5	O+P
Biology	2	2	F
Computing Techniques, Biometry	1	2	O
Anatomy-Physiology	2	2	P
Hungarian Language	—	6	P
English Language	—	2	P
Latin Language	—	1	—
Physical Training	—	2	—
Short History of Hungary	1	—	—
13			24
37			

## SECOND YEAR

## Fall term

Subjects	Hours per week		Form of examination
	theory	practice	
Quantitative Chemical Analysis	2	5	P
Physical Chemistry	2	—	O
Organic Chemistry	4	4	O+P
Anatomy-Physiology	2	2	O+P
Colloid Chemistry	2	2	O
Hungarian Language	—	6	P
Physical Training	—	2	—
12		21	
		33	

## Spring term

Quantitative Chemical Analysis	2	4	F+P
Physical Chemistry	—	5	P
Organic Chemistry	3	4	F
Anatomy-Physiology	2	2	F
Pharmaceutical Botany	3	2	O+P
Hungarian Language	—	6	PE
Physical Training	—	2	—
10		25	
		35	

4 weeks' practice in a pharmacy in Hungary (35 hours per week).

## THIRD YEAR

## Fall term

Subjects	Hours per week		Form of examination
	theory	practice	
Pharmacognosy	3	4	O + P
Pharmaceutical Chemistry	4	6	P
Pharmaceutical Technology	2	—	—
Pathophysiology	2	1	O
Microbiology	3	2	F + P
Biochemistry	3	—	O
Hungarian Language	—	3	P
17		16	
		33	

## Spring term

Pharmacognosy	2	4	F + P
Pharmaceutical Chemistry	4	6	F + P
Pharmaceutical Technology	2	6	O + P
Pathophysiology	2	1	F
Hungarian Language	—	3	P
10		20	
		30	

4 weeks' practice in a pharmacy in Hungary (35 hours per week).

Practice in public or hospital pharmacies, laboratories, pharmaceutical works, or drug research institutes.

## FOURTH YEAR

## Fall term

Subjects	Hours per week		Form of examination
	theory	practice	
Pharmaceutical Analysis	3	5	O+P
Pharmaceutical Technology	2	8	P
Pharmacodynamics-Toxicology	4	3	O+P
Public Health	2	—	—
Ethics in Pharmacy	2	—	O
Hungarian Language	—	2	P
Computing Techniques	—	2	P
13		20	33

## Spring term

Pharmaceutical Technology	2	10	F+P
Pharmacodynamics-Toxicology	4	4	F+P
Public Health	4	2	F
Pharmacy Administration	2	—	F
Hungarian Language	—	2	F
12		18	30

4 weeks' practice in pharmacy in Hungary (35 hours per week).

Practice in public or hospital pharmacies, laboratories, pharmaceutical works, or drug research institutes.

**FIFTH YEAR****Fall term**

Subjects	Hours per week		Form of examination
	theory	practice	
Fundamentals of Clinical Therapy	3	2	O
Clinical Pharmacy I.	1	1	O
Biopharmaceutics	2	2	O
Computing Techniques	—	2	P
Veterinary Pharmacy Practice	2	—	O
Special Courses	10		3 O
Thesis	—	8	
8			15
33			

**SPECIAL COURSES****A) Industrial Pharmacy**

Drug Industry	2+1	}	O
Biotechnology	1+1		
Introduction to Drug Manufacturing	2+1		O
Optional Course	2+0		O

**B) Public Pharmacy Course**

Pharmaceutical Economics	1+1	}	O
Jurisprudence in Pharmacy	1+1		
Galenic Pharmacy	3+0		O
Optional Course	2+0		O

**C) Clinical (Hospital) Pharmacy**

Clinical Pharmacy II.	2+2	O
Clinical Laboratory Practice	2+2	O
Optional Course	2+0	O

**Optional Course 2+0**

Medicinal Plants Industry

Pharmaceutical Psychology and Health Education

Natural Treatments, Phytotherapy or any other subject of courses

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	General chemistry pract. gr. 1	PHYSICS lect.  In classroom I.	BIOLOGY lect.  In classroom II.	HISTORY OF PHARMACY lect.  In classroom I.	MATHEMATICS lect.  In Educational Centre
9-10					
10-11		SHORT HISTORY OF HUNGARY lect. In Dept. of Obstetrics	GENERAL CHEMISTRY lect.  In classroom "Fejér Lipót" in Béke Bldg.	Physics pract. gr. 1	Hungarian lang. gr. 1
11-12				Latin lang. gr. 2	Physics pract. gr. 2
12-13					GENERAL CHEMISTRY lect. in classroom "Kiss Árpád" in Béke Bldg.
13-14	Mathematics pract. gr. 2	Physical training gr. 1, 2	General chemistry pract. gr. 2		
14-15	Latin lang. gr. 1				
15-16		Hungarian lang. gr. 1		Hungarian lang. gr. 1	
16-17		Hungarian lang. gr. 2		English lang. gr. 2	
17-18	English lang. gr. 1, 2	Biology pract. gr. 1			Biology pract. gr. 2
18-19					
19-20					

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	ORGANIC CHEMISTRY lect.				PHYSICAL CHEMISTRY lect.
9-10	In Dept. of Organic Chemistry				In "Fejér Lipót" classroom in Béke Bldg.
10-11	COLLOID CHEMISTRY lect. In Dept. of Surgery	ORGANIC CHEMISTRY lect. In Dept. of Organic Chemistry			QUANTITATIVE CHEMICAL ANALYSIS lect.
11-12					In Dept. of Inorganic Chemistry
12-13					
13-14	Physical training gr. 1, 2	Hungarian lang. gr. 1, 2		ANATOMY & PHYSIOLOGY lect. In Dept. of Physiology	Hungarian lang. gr. 1, 2
14-15			Physiology pract. gr. 2		
15-16			Hungarian lang. gr. 1		
16-17	Hungarian lang. gr. 2	Physical pract. gr. 1	Hungarian lang. gr. 2		
17-18				Organic chemistry pract. gr. 2	
18-19				Colloid chemistry pract. gr. 1	
19-20					

TIME	MONDAY		TUESDAY	WEDNESDAY		THURSDAY	FRIDAY	
8-9	MICROBIOLOGY lect.			Path. pr. gr. 1, 8		PATHOPHYSIOLOGY lect.	MICROBIOLOGY lect. In Dept. of Physiology	
9-10	In Educational Centre			PHARMACOGNOSY lect.		In Dept. of Obstetrics	Pharmacognosy pract. gr. 2	Hungarian lang. gr. 1
10-11	Pharmacognosy pract. gr. 1	Hungarian lang. gr. 2		in Educational Centre		BIOCHEMISTRY lect. In Classroom I		
11-12				BIOCHEMISTRY lect.		PHARMACOGNOSY lect. In Classroom I		
12-13				In Dept. of Ophthalmology				
13-14								
14-15				PHARMACEUTICAL TECHNOLOGY lect.		PHARMACEUTICAL CHEMISTRY lect.	Microbiology pract. gr. 1, 2	
15-16	PHARMACEUTICAL CHEMISTRY lect.			In Classroom II		In Library of Dept.		
16-17	In Library of Dept.							
17-18								
18-19								
19-20								

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	<div>Pharmaceutical technology pract. gr. 1</div> <div>Computing gr. 2</div>	<div>Pharmaceutical technology pract. gr. 2</div> <div>Hungarian lang. gr. 1</div> <div>Computing gr. 1</div>	ETHICS IN PHARMACY lect.  In Educational Centre	<div>Pharmaceutical chemistry pract. gr. 1, 2</div>	PHARMACEUTICAL ANALYSIS lect.  In Dept. of Pharm. Chem.
9-10					
10-11			PHARMACODYNAMICS lect.  In New Educational Centre		PHARMAODYNAMICS lect.  In New Educational Centre
11-12					
12-13					
13-14			<div>Pharmacodynamics pract. gr. 1</div> <div>Pharmacodynamics pract. gr. 2</div>		
14-15	PHARMACEUTICAL ANALYSIS lect. In Dept. of Pharm. Chem.	PHARMACEUTICAL TECHNOLOGY lect.  In Educational Centre		PUBLIC HEALTH lect.  In Dept of Public Health	
15-16	<div>Hungarian lang. gr. 1, 2</div>				
16-17		Pharm. technology pract. gr. 1, 2			
17-18					
18-19					
19-20					

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	CLINICAL PHARMACY lect.	CLINICAL PHARMACY lect.	FUNDAMENTAL OF CLINICAL THERAPY lect.	Biopharm. pract. gr. 1, 2	CLINICAL LABORATORY lect.
9-10	In Dept. of Obstetrics	In Dept. of Obstetrics	In Educational Centre		In Dept. of Obstetrics
10-11	Vel. Pharm. pract. gr. 1, 2	FUNDAMENTAL OF CLINICAL THERAPY lect.	Clin. Pharm. pract. gr. 1, 2	BIOPHARMACEUTICS lect.	FUNDAMENTAL OF CLINICAL THERAPY lect.
11-12		In Educational Centre		In New Educational Centre	In Educational Centre
12-13	Clin. Lab. pract. gr. 1, 2	Computing gr. 1, 2	PHARMACEUTICAL ECONOMICS lect.		
13-14					
14-15			In Council Room		
15-16					
16-17					
17-18					
18-19					
19-20					

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	GENERAL & INORGANIC CHEMISTRY lect. In Classroom I	BIOLOGY lect. In Classroom II	QUALITATIVE CHEMICAL ANALYSIS lect. In Educational Centre	PHYSICS lect. In Educational Centre	Hungarian lang. gr. 1, 2
9-10					
10-11	ANATOMY-PHYSIOLOGY lect. In Dept. of Physiology	GENERAL & INORGANIC CHEMISTRY lect. In Educational Centre SHORT HISTORY OF HUNGARY lect. In Educational Centre	Hungarian lang. gr. 1 Physics pract. gr. 2	ANATOMY-PHYSIOLOGY lect. In Educational Centre	Physics pract. gr. 1
11-12					
12-13	Physical training gr. 1, 2	Hungarian lang. gr. 1, 2	English lang. gr. 2 Hungarian lang. gr. 2	Qualitative Chemical Analysis pract. gr. 1, 2	English lang. gr. 2
13-14					
14-15	Computing gr. 2 Hungarian lang. gr. 1				
15-16					
16-17	Computing gr. 1				
17-18					
18-19					
19-20					

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY		
8-9		Physical chemistry pract. gr. 2  Quantitative chemical analysis pract. gr. 1	Physiology pract. gr. 1	Organic chemistry pract. gr. 1 (from 7.30 am)  Botany pract. gr. 2	QUALITATIVE CHEMICAL ANALYSIS lect.  In Dept. of Analytical Chemistry		
9-10			Hungarian lang. gr. 2				
10-11	ORGANIC CHEMISTRY lect.		Physical training gr. 1, 2	ORGANIC CHEMISTRY lect. in Dept. of Organic Chemistry		Physical chemistry pract. gr. 1  Quantitative chemical analysis pract. gr. 2	
11-12	In Dept. of Organic Chemistry						
12-13	PHARMACEUTICAL BOTANY lect. In Classroom II						
13-14	Physiology pract. gr. 2	ANATOMY-PHYSIOLOGY lect.  In Classroom II	PHARMACEUTICAL BOTANY lect.  In Classroom II				
14-15							
15-16		Hungarian lang. gr. 1, 2	Botany pract. gr. 1	Hungarian lang. gr. 1			
16-17				Organic chemistry pract. gr. 2			
17-18							
18-19							
19-20							

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8-9	Pharmaceutical chemistry pract. gr. 1, 2	Hungerford ling. gr. 1, 2	PATHOPHYSIOLOGY lect.  In Dept. of Obstetrics	Hungerford ling. gr. 1, 2	Pharmaceutics pract. gr. 1, 2
9-10			PHARMACOGNOSY lect.  In Classroom II		
10-11					
11-12					
12-13					
13-14			Path. pr. gr. 2		
14-15	Path. pr. gr. 1				
15-16	PHARMACEUTICAL CHEMISTRY lect.  In Dept. of Pharm. Chem.	PHARMACEUTICAL CHEMISTRY lect.  In Dept. of Pharm. Chem.	PHARMACEUTICS lect.  In Classroom II	Pharmaceutics pract. gr. 1	
16-17	*In Dept. of Pharm. Chem.				
17-18					
18-19					
19-20					

TIME	MONDAY		TUESDAY	WEDNESDAY	THURSDAY	FRIDAY		
8-9	PREPARATION			PUBLIC HEALTH lect. In Dept. of Public Health	Hungarian lang. gr. 1, 2			
9-10								
10-11	Pharmaceutics pract. gr. 1, 2	Pharmaceutical technology pr. gr. 1, 2		Public health pr. gr. 1, 2	PHARMACODYNAMICS lect. in New Educational Centre	PHARMACEUTICS lect. in Library of Dept.		
11-12					PHARMACY ADMINISTRATION lect. In Dept. of Pharm. Chem.	Pharmacodynamics pract. gr. 1, 2	Pharmaceutical technology pr. gr. 1, 2	PUBLIC HEALTH lect. in Dept. of Public Health
12-13								
13-14								
14-15								
15-16								
16-17								
17-18								
18-19								
19-20								

## **COMPULSORY SUBJECTS**

### **Faculty of Pharmacy**

#### **First year**

##### **Fall term**

##### **PHYSICS-BIOPHYSICS**

Theory — 2 hours per week in the Classroom I.

practical — 2 hours per week for each group separately.

Dr. ÁRPÁD SÜLI, associate professor

##### **HISTORY OF PHARMACY, PHARMACEUTICAL PROPEDEUTICS**

Theory — 2 hours per week in the Classroom I.

Dr. LAJOS SIMON, associate professor

##### **MATHEMATICS**

Theory — 2 hours per week in the Classroom II. and at the  
Department of Medical Informatics

practical — 2 hours per week for each group separately.

Prof. ISTVÁN GYÓRI

##### **GENERAL AND INORGANIC CHEMISTRY**

Theory — 3 hours per week in the Building of Béke and at the  
Department of Physical Chemistry

practical — 5 hours per week for each group separately.

Dr. ENDRE BOGA, associate professor

##### **BIOLOGY**

Theory — 2 hours per week in the Classroom II.

practical — 2 hours per week for each group separately at the  
Department of Medical Biology.

Prof. GYÖRGY SZEMERE, Head of Genetic Center

##### **HUNGARIAN LANGUAGE**

Practical — 6 hours per week in the Education Center, for each  
group separately.

Dr. ÉVA DEMETER language teacher

**ENGLISH LANGUAGE**

Practical — 2 hours per week in the Education Center, for each group separately.

Dr. ÉVA DEMETER language teacher

**LATIN LANGUAGE**

Practical — 2 hours per week in the Education Center, for each group separately.

Dr. ÉVA DEMETER language teacher

**SHORT HISTORY OF HUNGARY**

Theory — 1 hour per week in the Classroom II.

Visiting professor

**PHYSICAL TRAINING**

2 hours per week for each group separately

Dr. LÁSZLÓ BOROS GYÉVI physical training teacher

### *Spring term*

#### **PHYSICS-BIOPHYSICS**

Theory — 2 hours per week in the Classroom I.  
practical — 2 hours per week for each group separately.  
Dr. ÁRPÁD SÜLI, associate professor

#### **GENERAL AND INORGANIC CHEMISTRY**

Theory — 3 hours per week in the Classroom I. and II., respectively.  
Dr. GYÖRGY DOMBI, associate professor

#### **BIOLOGY**

Theory — 2 hours per week in the Classroom II.  
Prof. GYÖRGY SZEMERE, Head of Genetic Center

#### **QUALITATIVE CHEMICAL ANALYSIS**

Theory — 2 hours per week in the Classroom I.  
practical — 5 hours per week in the Laboratory of Education Center, for each group separately.  
Prof. GÉZA STÁJER, Head of Department

#### **ANATOMY-PHYSIOLOGY**

Theory — 2 hours per week at the Department of Physiology  
practical — 2 hours per week in the Laboratory of the Department of Physiology, for each group separately.  
Prof. GYÖRGY BENEDEK, Head of Department

#### **COMPUTING TECHNIQUES, BIOMETRY**

Theory — 1 hour per week in the Classroom II.  
practical — 2 hours per week at the Department of Medical Informatics  
Dr. KRISZTINA STÉHLIK BODA, senior research associate

#### **HUNGARIAN LANGUAGE**

Practical — 6 hours per week for each group separately.  
Dr. ÉVA DEMETER language teacher

#### **ENGLISH LANGUAGE**

Practical — 2 hours per week for each group separately.  
Dr. ÉVA DEMETER language teacher

**LATIN LANGUAGE**

Practical — 1 hour per week for each group separately.

Dr. ÉVA DEMETER language teacher

**SHORT HISTORY OF HUNGARY**

Theory — 1 hour per week in the Classroom II.

Visiting professor

**PHYSICAL TRAINING**

2 hours per week for each group separately.

Dr. LÁSZLÓ BOROS GYÉVI physical training teacher

## Faculty of Pharmacy Second year

### *Fall term*

#### QUANTITATIVE CHEMICAL ANALYSIS

Theory — 2 hours per week in the Classroom of the Department of Surgery

practical — 5 hours per week in the Laboratory of the Department of Inorganic and Analytical Chemistry, for each group separately.

Dr. GÁBOR ÁCS, associate professor

#### ORGANIC CHEMISTRY

Theory — 4 hours per week in the Classroom of Organic Chemistry, in the Laboratory of the Department

practical — 4 hours per week for each group separately.

Dr. IRÉN VINCZE, associate professor

#### PHYSICAL CHEMISTRY

Theory — 2 hours per week in the 1st Department of Internal Medicine.

Dr. LAJOS SZIROVICZA, associate professor

#### ANATOMY-PHYSIOLOGY

Theory — 2 hours per week in the Classroom of Education Center

practical — 2 hours per week in the Laboratory of the Department of Physiology

Prof. GYÖRGY BENEDEK, Head of Department

#### COLLOID CHEMISTRY

Theory — 2 hours per week at the 2nd Department of Internal Medicine

practical — 2 hours per week in the Laboratory of the Department of Colloid Chemistry

Dr. ETELKA TOMBÁČZ, associate professor

#### HUNGARIAN LANGUAGE

Practical — 6 hours per week for each group separately.

Dr. ÉVA DEMETER language teacher

#### PHYSICAL TRAINING

2 hours per week for each group separately.

Dr. LÁSZLÓ BOROS GYÉVI physical training teacher

## *Spring term*

### QUANTITATIVE CHEMICAL ANALYSIS

Theory — 2 hours per week at the Department of Inorganic and Analytical Chemistry

practical — 4 hours per week in the Laboratory of the Department of Inorganic and Analytical Chemistry, for each group separately.

Dr. GÁBOR ÁCS, associate professor

### ORGANIC CHEMISTRY

Theory — 3 hours per week in the Classroom of Organic Chemistry

practical — 4 hours per week for each group separately.

Dr. IRÉN VINCZE, associate professor

### PHYSICAL CHEMISTRY

Practice — 5 hours per week in the Laboratory of the Department of Physical Chemistry, for each group separately.

Dr. LAJOS SZIROVICZA, associate professor

### ANATOMY-PHYSIOLOGY

Theory — 2 hours per week

practical — 2 hours per week in the Classroom and Laboratory of the Department of Physiology, for each group separately.

Prof. GYÖRGY BENEDEK, Head of Department

### PHARMACEUTICAL BOTANY

Theory — 3 hours per week in the Classroom II and at the 1st Department of Internal Medicine

practical — 2 hours per week in the Laboratory of the Department, for each group separately.

Dr. LÁSZLÓ TÓTH, associate professor

### HUNGARIAN LANGUAGE

Practical — 6 hours per week for each group separately.

Dr. ÉVA DEMETER language teacher

### PHYSICAL TRAINING

2 hours per week for each group separately.

Dr. LÁSZLÓ BOROS GYÉVI physical training teacher

## Faculty of Pharmacy Third year

### *Fall term*

#### PHARMACOGNOSY

Theory — 3 hours per week at the Education Center 24-25  
practical — 4 hours per week for each group separately.

Prof. IMRE MÁTHÉ, Head of Department

#### PHARMACEUTICAL CHEMISTRY

Theory — 4 hours per week in the Library of the Department,  
practical — 6 hours per week for each group separately in the  
Laboratory of Education Center.

Prof. GÁBOR BERNÁTH, Head of Department

#### PHARMACEUTICAL TECHNOLOGY

Theory — 2 hours per week in the Classroom II.

Prof. MIHÁLY KATA

#### PATHOPHYSIOLOGY

Theory — 2 hours per week at the Department of Obstetrics and  
Gynaecology

practical — 1 hour per week in the Laboratory of the  
Department of Physiology, for each group separately.

Prof. GYULA TELEGDY, Head of Department

#### MICROBIOLOGY

Theory — 3 hours per week at the 1st Department of Internal  
Medicine and Classroom II.

practical — 2 hours per week in the Laboratory of the Depart-  
ment, for each group separately.

Prof. ILONA BÉLÁDI, Head of Department

#### BIOCHEMISTRY

Theory — 3 hours per week at the Education Center 24-25 and  
at the Department of Surgery, for each group separately.

Prof. LÁSZLÓ DUX, Head of Department

#### HUNGARIAN LANGUAGE

Practical — 3 hours per week for each group separately.

Dr. ÉVA DEMETER language teacher

*Spring term*

**PHARMACOGNOSY**

Theory — 2 hours per week in the Classroom II.

practical — 4 hours per week at the Department, for each group separately.

Prof. IMRE MÁTHÉ, Head of Department

**PHARMACEUTICAL CHEMISTRY**

Theory — 4 hours per week in the Library of the Department

practical — 6 hours per week in the Laboratory of the Education Center, for each group separately.

Prof. GÁBOR BERNÁTH, Head of Department

**PHARMACEUTICAL TECHNOLOGY**

Theory — 2 hours per week in the Classroom II.

practical — 6 hours per week for each group separately.

Prof. MIHÁLY KATA

**PATHOPHYSIOLOGY**

Theory — 2 hours per week at the Department of Obstetrics and Gynaecology

practical — 1 hour per week for each group separately.

Prof. GYULA TELEGDY, Head of Department

**HUNGARIAN LANGUAGE**

Practical — 3 hours per week for each group separately.

Dr. ÉVA DEMETER language teacher

## **Faculty of Pharmacy Fourth year**

### ***Fall term***

#### **PHARMACEUTICAL CHEMISTRY AND PHARMACEUTICAL ANALYSIS**

Theory — 3 hours per week in the Library of the Department  
practical — 5 hours per week for each group separately in the  
Laboratory of the Education Center.

Prof. GÁBOR BERNÁTH, Head of Department

#### **PHARMACEUTICAL TECHNOLOGY**

Theory — 2 hours per week at the Library of the Department  
practical — 8 hours per week for each group separately in the  
Laboratory of the Department of Technology.

Prof. MIHÁLY KATA

#### **PHARMACODYNAMICS AND TOXICOLOGY**

Theory — 4 hours per week at the New Education Center  
ground floor 12

practical — 3 hours per week for each group separately in the  
Laboratory of the Department

Prof. EMIL MINKER, Head of Department

#### **PUBLIC HEALTH**

Theory — 2 hours per week in the Classroom Berencsi of the  
Department.

Prof. ILLÉS DÉSI, Head of Department

#### **ETHICS IN PHARMACY**

Theory — 2 hours per week in the Classroom II.

Prof. MIHÁLY KATA

#### **COMPUTING TECHNIQUES**

Practical — 2 hours per week in the Department of Medical  
Informatics, for each group separately

Prof. ZOLTÁN HANTOS, Head of Department

#### **HUNGARIAN LANGUAGE**

Practical — 2 hours per week for each group separately

Dr. ÉVA DEMETER language teacher

*Spring term*

**PHARMACEUTICAL TECHNOLOGY**

Theory — 2 hours per week at the Library of the Department

practical — 10 hours per week for each group separately in the Laboratory of the Department.

Prof. MIHÁLY KATA

**PHARMACODYNAMICS AND TOXICOLOGY**

Theory — 4 hours per week at the New Education Center ground floor 12.

practical — 4 hours per week for each group separately in the Laboratory of the Department.

Prof. EMIL MINKER, Head of Department

**PHARMACY ADMINISTRATION**

Theory — 2 hours per week

Dr. SAMUEL FRIMPONG pharmacist

**PUBLIC HEALTH**

Theory — 4 hours per week

practical — 2 hours in the Classroom Berencsi of Department, for each group separately

Prof. ILLÉS DÉSI, Head of Department

**HUNGARIAN LANGUAGE**

Practical — 2 hours per week for each group separately.

Dr. ÉVA DEMETER language teacher

## Faculty of Pharmacy Fifth year

### *Fall term*

#### FUNDAMENTALS OF CLINICAL THERAPY

Theory — 3 hours per week

practical — 2 hours per week for each group separately

Dr. GÁBOR BÁLINT, associate professor

#### CLINICAL PHARMACY I.

Theory — 2 hours per week in the Education Center 26

Dr. JUDIT TÖRÖK clinical pharmacist

#### BIOPHARMACEUTICS

Theory — 2 hours per week in the New Education Center grand floor 12

practical — 1 hour per week in the Department of Medical Informatics, for each group separately

Prof. EMIL MINKER, Head of Department

#### COMPUTING TECHNIQUES

Practical — 2 hours per week in the Department of Medical Informatics, for each group separately

Prof. ZOLTÁN HANTOS, Head of Department

#### VETERINARY PHARMACY PRACTICE

Theory — 2 hours per week in the Library of the Department

Prof. MIHÁLY KATA

#### ENVIRONMENTAL HYGIENE

Theory — 1 hour per week in the New Education Center ground floor 12

Prof. ILLÉS DÉSI, Head of Department

#### SPECIAL COURSES

Schedules of practicals and lectures are in the time-tables

**NOTES**

## NOTES

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