

LIST OF TEXTBOOKS

BASIC MEDICINE COURSE

INTRODUCTION TO BIOPHYSICS

Suggested textbook:

Halliday, Resnik, Walker "Fundamentals of Physics" Wiley [latest edition]

PHYSICS FOR BMC STUDENTS

Editor Rezso Gáspár
Department of Biophysics and Cell Biology

INTRODUCTION TO MEDICAL BIOLOGY

Compulsory reading:

John H. Postlethwait and Janet L. Hopson
The Nature of Life McGraw-Hill, Inc.
ISBN 0-07-113600-2

MEDICAL CHEMISTRY

Compulsory reading:

Bailar, J.C. et al.: Chemistry, 3rd Edition
Ed.: Academic Press, New York, 1989
ISBN 0-15-506456-8

Erdodi, F.: Organic Chemistry for Medical Students

Department of Medical Chemistry,
University School of Medicine, Debrecen,
1989

Further reading:

McMurry, J., Fay, R.C.: Chemistry
Ed.: Prentice-Hall International, Inc.,
Englewood Cliffs, New Jersey 07632,
1995
ISBN 0-13-367061-9

Kotz, J.C., Treichel, P.: Chemistry and
Chemical Reactivity, 3rd Edition
Ed.: Sunders College Publishing, 1996
ISBN 0-03-001291-0

1st Y E A R

ANATOMY

Compulsory reading:

K.L. More: Clinically Oriented Anatomy
3rd edition, Williams & Wilkins,
Baltimore, ISBN 0-683-09485-8

M.H. Ross, L.J. Romrell, G.I. Kaye:
Histology. A text and Atlas
3rd edition, Williams & Wilkins,
Baltimore, ISBN 0-683-07369-9

T.W. Sadler: Langman's Medical
Embryology
7th edition, Williams & Wikins,
Baltimore, ISBN 0-683-07489-X

Further reading:

E.K. Sauerland: Grant's Dissector 11th
edition, Williams & Wikins, Baltimore,
ISBN 0-683-03701-3

Sobotta: Atlas of Human Anatomy 1-2
11th edition, Urban & Schwarzenberg,
Munich, ISBN 3-541-72721-7

BEHAVIOURAL SCIENCES

Compulsory reading:

Segerstrale, U. and Peter Molnár (eds):
Nonverbal communication: where nature
meets culture. Lawrence Erlbaum,
Mahwah N.J., 1997.

Alan Stoudemire: Human behavior. An
introduction for medical students. J.B.
Lippincott Company, Philadelphia, 1994.

MOLECULAR BIOLOGY

Compulsory reading:

Biochemistry and Molecular Biology,
Sillabus, 1999, Volume I. Molecular
Biology.

BIOPHYSICS

Textbooks:

INTRODUCTION TO BIOPHYSICS
Sándor Damjanovich and the
Department of Biophysics, (University
lecture notes) Debrecen, 1995.

BIOPHYSICS LABORATORY MANUAL
Department of Biophysics,
Debrecen, 1995

Wayne W. Daniel:
BIostatistics: A FOUNDATION FOR
ANALYSIS IN THE HEALTH SCIENCES
5th edition,
John Wiley & Sons, New York, 1991.
ISBN 0-471-52988-5

Recommended book:

M. Shinitzky:
BIOMEMBRANES. PHYSICAL ASPECTS.
VCH, Weinheim, 1993
ISBN 3-527-30021-x

CELL AND TISSUE BIOLOGY

Textbook (Cell Biology):

Alberts et al.: ESSENTIAL CELL
BIOLOGY
1st edition, Garland Publ. Inc., 1998,
ISBN 0-8153-2045-0 -- ISBN 0-8153-
2971-7 (pbk.)

Lab guide provided by the department.

Textbook (Basic Histology):

M.H. Ross, L.J. Romrell, G.I. Kaye
HISTOLOGY. A TEXT AND ATLAS
3rd edition, Williams & Wilkins Co.,
Baltimore
ISBN 0-683-07369-9

Recommended books:

Lodish et al.: MOLECULAR CELL
BIOLOGY
3rd edition, W.H. Freeman, 1995,
ISBN 0-7167-2380-8

Alberts et al.: MOLECULAR BIOLOGY OF
THE CELL
3rd edition, Garland Publ. Inc., 1998,
ISBN 0-8153-1619-4 -- ISBN 0-8153-
1620-8 (pbk.)

GENETICS

Compulsory reading:

Daniel L. Hartl, Elisabeth W. Jones:
Genetics: Principles and Analysis
Fourth edition
Jones and Bartlett Publishers
ISBN 0-7637-0489-X

Practical Courses in Genetics
Department of Biology
University Medical School of Debrecen
1997/98

MEDICAL CHEMISTRY

Compulsory reading:

Alternative choices from general
chemistry:
1. McMurry, J., Fay, R.C.: Chemistry
Ed.: Prentice-Hall International, Inc.,
Englewood Cliffs, New Jersey 07632,
1995
ISBN 0-13-367061-9

2. Kotz, J.C., Treichel, P.: Chemistry and
Chemical Reactivity, 3rd edition
Ed.: Sanders College Publishing, 1996
ISBN 0-03-001291-0

3. Bailar, J.C. et al.: Chemistry, 3rd
edition
Ed.: Academic Press, New York, 1989
ISBN 0-15-506456-8

Gergely, P.: Organic and Bioorganic
Chemistry for Medical Students, 2nd
edition
Department of Medical Chemistry,
University School of Medicine, Debrecen,
1999

Gergely, P.: Bioinorganic Chemistry for
Medical Students
Department of Medical Chemistry,
University School of Medicine, Debrecen,
1997

Laboratory Manual for General, Organic
and Bioorganic Chemistry
I. Practical Guide, II. Workbook
Department of Medical Chemistry,
University School of Medicine, Debrecen,
1999

INFORMATICS

Required reading

Alan Grant: Introduction to Windows,
Words, Excel, Unix, etc. The files are
available on the www.edunt.dote.hu and
on the www.bris.ac.uk servers.

Further reading

Orlando Unix School
WWW manuals on the web

FIRST AID AND REANIMATION

Compulsory reading:

Topics of lectures and practices.

Further reading:

The St. John Ambulance Association and Brigade, The British Red Cross society: First Aid Manual, Dorling Kisnerdsley Ltd. London 1992, ISBN 0-863 18-4

2nd Y E A R

ANATOMY

Compulsory reading:

K.L. Moore: Clinically Oriented Anatomy 3rd edition, Williams & Wilkins, ISBN 0-683-09485-8

M.H. Ross, L.J. Romrell, G.I. Kaye: Histology. A Text and Atlas 3rd edition, Williams & Wilkins Co., Baltimore, ISBN 0-683-07369-9

T.W. Sadler: Langman's Medical Embryology 7th edition, Williams & Wilkins Co., Baltimore, ISBN 0-683-07489-X

Further reading:

E.K. Sauerland: Grant's Dissector 11th edition, Williams & Wilkins, ISBN 0-683-03701-3

Sobotta: Atlas of Human Anatomy 1-2 11th ed., Urban & Schwarzenberg, Munich, ISBN: 3-541-72721-7

NEUROBIOLOGY

Compulsory reading:

K.L. Moore: Clinically Oriented Anatomy 3rd edition, Williams & Wilkins, Baltimore, ISBN 0-683-09485-8

M.H. Ross, L.J. Romrell, G.I. Kaye: Histology. A text and Atlas 3rd edition, Williams & Wilkins, Baltimore, ISBN 0-683-07369-9

T.W. Sadler: Langman's Medical Embryology 7th edition, Williams & Wilkins, Baltimore, ISBN 0-683-07489-X

L. Heimer: The Human Brain and Spinal Cord 2nd edition, Springer Verlag, ISBN 0-387-94227-0

W. F. Ganong: Review of Medical Physiology 18th edition, Prentice-Hall International Editions, 1997

Physiological practice: a laboratory guide DOTE, 1996

Offer of the Department of Biochemistry and Molecular Biology

Further reading:

Sobotta: Atlas of Human Anatomy 1-2 Urban & Schwarzenberg, Munich, 1989, ISBN 3-541-72711

Haines, D.E.: Fundamental Neuroscence 1st edition, Churchill Livingstone, 1997, ISBN 0-443-08874-8

M.B. Carpenter: Core Text of Neuroanatomy 4th edition, Williams & Wilkins, Baltimore, ISBN 0-683-01457-9

G. M. Shepherd: Neurobiology 3rd edition, Oxford University Press, Oxford, 1994

R. F. Schmidt, G. Thews: Human Physiology 2nd edition, Springer Verlag, Berlin, Heidelberg, 1987

A. C. Guyton, J. E. Hall: Textbook of Medical Physiology 9th edition, W. B. Saunders Co., London, 1996

R. M. Berne, M. N. Levy: Principles of Physiology 2nd edition, Mosby, London, 1996

BIOCHEMISTRY

Compulsory reading:

Biochemistry for Medical Students, Syllabus. Third edition (Edited by L. Fésüs), BPI, Debrecen, 1999

Further reading:

Textbook of Biochemistry with Clinical Correlations (Thomas M. Devlin) Wiley-Liss Third edition 1994 Biochemistry (Lubert Stryer) W.H. Freeman and Company (Third edition 1988, Forth edition, 1995)

MEDICAL PHYSIOLOGY

Compulsory reading

R.F. Schmidt, G. Thews: Human Physiology.
2nd ed., Springer-Verlag, Berlin, 1989.

Further readings

W.F. Ganong: Review of Medical Physiology.
18th ed., Prentice-Hall International Inc., 1997.

J.B. West: Best and Taylor's Physiological Basis of Medical Practice. 12th ed., Williams & Wilkins, Baltimore, 1990.

R.M. Berne, M.N. Levy: Principles in Physiology.
2nd ed., V.C. Mosby Co., St.Louis, 1996.

A.C. Guyton: Textbook of Medical Physiology.
9th ed., W.B. Saunders Co., Philadelphia, 1996.

Exercise Book and Study Guide:

Physiological Practicum, a Laboratory Guide.
DOTE, 1996.

Exercise Book, Physiological Practicum,
DOTE, 1996.

3rd Y E A R

MEDICAL PSYCHOLOGY

Compulsory reading:

Csabai, M. and Molnar, P.: Health, illness and treatment. Textbook of medical psychology. Springer, Heidelberg, 1999.

Further reading:

Alan Stoudemire: Human Behavior. An introduction for medical students. J.B. Lippincott Company, 1994.

Edward P. Sarafino: Health Psychology: biopsychosocial interactions.
Wiley, New York, 1990.

MEDICAL ANTHROPOLOGY

Compulsory reading:

Helman C.G.: Culture, health and illness. An introduction to health professionals. Butterworth-Heinemann, Oxford, 1994.

Further reading:

Thomas M. Johnson and Carolyn F. Sargent: Medical Anthropology. A handbook of theory and method. Greenwood Press, 1990.

Byron J. Good: Medicine, rationality, and experience. An anthropological perspective. Cambridge University Press, 1994.

MEDICAL SOCIOLOGY

Compulsory reading:

D. Armstrong: Outline of sociology as applied to medicine, Butterworth-Heinemann, Oxford, 1994.

Further reading:

D.L. Patrik and G. Scrambler: Sociology as applied to medicine, W.B. Sanders Co., 3rd ed. 1991.

S. Nettleton: The sociology of health and illness, Polity Pr., 1995.

M. Senior and B. Viveash: Health and illness. Skills-based sociology. Macmillan, London, 1997.

CLINICAL BIOCHEMISTRY

Compulsory reading:

William J. Marshall: Clinical Chemistry, 4th edition, 1998

Practicals in Clinical Biochemistry, 1999, ed: László Muszbek and János Kappelmayer

Further reading:

A.V. Hoffbrand and J.E. Pettit: Essential Haematology, 1999

L.M. Franks And N.M. Teich: Introduction to the Cellular and Molecular Biology of Cancer (second edition), Oxford University Press, 1991.

BASIC SURGICAL TECHNIQUES

Further reading:

Grewe's: Manual of Basic Surgical Skills. An Introduction to Surgical Procedures B.C. Decker Inc. Toronto, Philadelphia ISBN 0-941158-84-5

W. Van Way III - A. Buerk: Pocket Manual of Basic Surgical Skills
The C.V. Mosby Company - St. Louis*
Washington*Toronto
ISBN 0-8016-5231-6

G.R. Mc Latchie, D.J. Leaper. Oxford Handbook of Operative Surgery Oxford University Press Oxford, New York, Tokyo ISBN 0-19-262097-5

**DEPARTMENT OF CARDIOLOGY
SUBDEPARTMENT OF CLINICAL
PHYSIOLOGY**

Textbooks:

PcPhee, S.J., Lingappa, V.R., Ganong, W.F., Lange, J.D. Pathophysiology of Disease, An Introduction to Clinical Medicine. 1995. Appleton and Lange Norwalk, Connecticut, USA ISBN 0-8385-7815

Harisson's: Principles of internal medicine. Latest edition. McGraw-Hill Book Company, USA, ISBN 0-07-100134-4

MEDICAL MICROBIOLOGY

Compulsory reading:

Jawetz, Melnick & Adelbergs Medical Microbiology 21th edition ed. Brooks et al. (1998)

Diagnostic Medical Microbiology, Laboratory Exercises ed. Lajos Gergely (1989)

PATHOLOGY

Textbooks:

1. Kumar, Cotran, Robbins: Basic Pathology 6th ed.(1997). ISBN 0-7216-3732-9

2. Zoltán Nemes: Atlas of Histopathology 1st ed. (1998).

Manuscripts:

1. Zoltán Nemes: The Technique of Gross pathological Description (1993)

2. Zoltán Nemes: Non-Hodgkin's Lymphomas Segregated by their presumed cells of origin

IMMUNOLOGY AND RHEUMATOLOGY

Compulsory reading:

Further reading:

Roitt I: Essential immunology. Blackwell Scientific Publications, Oxford, London, Edinburgh

Brostoff J., Scadding G.K., Male D., Roitt I.: Clinical immunology. Gower Medical Publishing

Abbas A.K., Lichtman A.H., Pober S.: Cellular and molecular immunology. W.B. Saunders Company

SURGERY

Compulsory reading:

Current Surgical Diagnosis and Treatment.

Ed.: Lawrence W.Way , Appleton and Lange, 1990.

ISBN: 0-8385-14391-7

Further reading:

Oxford Handbook of Clinical Surgery. Ed. G.R.McLatchie. Oxford University Press. 1990.

Oxford Textbook of Surgery. Ed.Peter J. Morris and Donald A. Malt, Oxford Medical Publications. 1994.

4th Y E A R

CARDIOLOGY

Suggested text book:Cheitlin M.D., Sokolow M., Mcilroy MB. Clinical Cardiology, Appleton &Lange, 1993

MEDICAL PSYCHOLOGY

Compulsory reading:

Csabai, M., and Molnar,P.L.: Health, illness and treatment. Textbook of medical psychology, Springer, Heidelberg, 1999.

Jane Ogden: Health psychology. Open Univ. Press., 1996.

Further reading:

Friedman, H.S., DiMatteo, M.R.: Health psychology. Prentice-Hall Inc., 1989.

Synder, J.J.: Health psychology and behavioral medicine, Prentice-Hall Inc., 1989.

PREVENTIVE MEDICINE AND PUBLIC HEALTH

Compulsory reading:

R.J. Donaldson, L.J. Donaldson: Essential Public Health Medicine, Kluwer Academic Publishers, 1993

PHARMACOLOGY AND TOXICOLOGY

Compulsory reading:

Katzung, B.G. ed.: Basic and Clinical Pharmacology, Appleton and Lange, Norwalk/Los Altos, 7th ed., 1998.

Further reading:

Katzung, B.G., Trevor, A.J.: Pharmacology: Examination and board review, Appleton and Lange, Stamford, Connecticut 5th ed., 1998

Neal M.J.: Medical Pharmacology at a Glance, Blackwell Scientific Publications, 3rd ed., 1997
Color Atlas of Pharmacology (Lüllman H et al) 2nd edition, Thieme, Stuttgart, 2000

PULMONOLOGY

Recommended book:

The Merk Manual
Merk Research Laboratories
ISBN: 0911910-16-6

OBSTETRICS

Compulsory reading:

Obstetrics by Ten Teachers,
Gynaecology by Ten Teachers

Further reading:

Current Obstetric and Gynecologic Diagnosis and treatment

ORTHOPAEDIC SURGERY

Compulsory reading:

Apley's System of Orthopaedics and Fractures – Seventh edition
A. Graham Apley – Louis Solomon
Butterworth Heinemann, 1994

CLINICAL GENETICS

Compulsory reading:

Zoltán Papp: Obstetric Genetics,
Akadémiai Kiadó, 1990

RADIOLOGY

Textbooks:

Sutton, D: RADIOLOGY AND IMAGING FOR MEDICAL STUDENTS
Churchill Livingstone, Edinburgh, Fifth edition, 1988
ISBN 0-443-03955-0

Peter Armstrong-Martin L. Wastic:
DIAGNOSTIC IMAGING
ISBN 0-632-03093-3 BSP

STOMATOLOGY

Compulsory reading:

R.A.Cawson: Essentials of Oral Pathology and Oral Medicine Churchill Livingstone, 1998 (0443053480)

Further reading:

Gy. Szabó: Oral and Maxillofacial Surgery
Ed.: Alapítvány a Száj- Arc- és Állcsontsebészeti Betegségek Gyógyításáért, Budapest, 1997

SURGERY

Compulsory reading:

Current Surgical Diagnosis and Treatment.
Ed.: Lawrence W. Way, 10th ed. Norwalk, Conn.: Appleton and Lange, 1994. ISBN: 0-8385-14391-7

Further reading:

Oxford Textbook of Surgery.
Ed. Peter J. Morris and Donald A. Malt,
Oxford University Press 1994.

TRAUMATOLOGY

Suggested readings:

Compulsory:

J.C. Adams: Outline of Fractures.
Churchill Livingstone, Edinburgh. 1987

Recommended:

Watson-Jones: Fractures and joint injuries. Churchill, Livingstone, Edinburgh 1982.. Vol.: I-II.

J.A. Simonka, M.D.: Traumatology. Albert Szent-Györgyi Medical University Szeged. Vol.: I-II.

UROLOGY

Textbook:

Emil A., Tanagho, Jack W. McAninch:
SMITH'S GENERAL UROLOGY
12th edition, 1988.
Appleton and Lange
ISBN 0-8385-8605-8

Recommended reading:

Jürgen Sökeland:
UROLOGY - A Pocket Reference
2nd Revised Edition, 1989.
Gerg Thieme Verlag, Stuttgart
ISBN 3-13-610702-0

5th Y E A R

ANESTHESIOLOGY AND INTENSIVE CARE

Compulsory reading:

1. Marik, P.E.: Handbook of ICU therapeutics, Mosby, 1996. ISBN 0-8151-5698-7 or
2. Singer, M., A.r. Webb: Oxford Handbook of Critical Care, Oxford Univeristy Press, 1997. ISBN 0 19 262542 X

Further reading:

Duke, J.: Anesthesia Secrets. Second Edition hanley and Belfus, Inc. 2000. ISBN 1-56053-354-4

OH, T.E.: Intensive care manual. Butterworth/Heineman 1997. ISBN 0 7506 2358 6

BIOETHICS

Compulsory reading:

Erich H. Loewy, MD.: Textbook of Healthcare Ethics. Plenum Press. New York and London, 1996.

Further reading:

Seedhouse, D.: Ethics: The Heart of Health Care. John Wiley and Sons, Chichester. New York Brisbane. Toronto. Singapore, repr. 1993. 115-150.

Raanan Gillon (ed.) Ann Lloyd (assistant ed.): Principles of Health Care Ethics John Wiley and Sons, Chichester. New York Brisbane. Toronto. repr. 1995. pp. 31-45, 45-55, 65-75, 75-93, 105-117, 183-193.

Wear, S.: Informed Consent. Patient Autonomy and Physician Beneficence Within Clinical Medicine. Kluwer Academic Publishers, Dordrecht Boston. London. 1993.

PRECLINICAL ONCOLOGY

Textbook:

Richard R. Love (ed): Manual of Clinical Oncology (Part 1). International Union against Cancer. Springer-Verlag (1994).

DERMATOLOGY

Compulsory reading:

MANUAL OF SKIN DISEASES (7th edititon) Gordon C. Sauer J.B. Lippincott Company, Philadelphia 1996.

CLINICAL DERMATOLOGY
J.A.A. Hunter

Blackwell Scientific Publications 1992.

Further reading:

ESSENTIAL DERMATOLOGY
S. Somos
Krónika Kiadvány Szervezési GMB Pécs 1993.

FORENSIC MEDICINE

Recommended study matierial:

Textbook:

L. Buris: FORENSIC MEDICINE
Spinger Hungarica ISBN: 963 7922 77 6

HAEMATOLOGY

Compulsory reading:

Lectures and The Merck Manual (Merck Co. Inc., Rahway, NJ, latest edition).

Further readings:

Harrison's Principles of Internal Medicine
McGraw-Hill Book Co., latest edition
Schoreder, Krupp, Tierney, McPhee (eds.) Current Medical Diagnosis and Therapy
Appleton and Lange, latest edition

Requirements for signing the lecture book: see University Rules and Regulations: 52-53.

Evaluation: see University Rules and Regulations 62-68.

GASTROENTEROLOGY

Offered literature:

The Merck Manual of diagnosis and therapy.
R. Berklow. MDS Reas. Lab. Rahway, 1987. 15th ed.

NEUROLOGY

Recommended literature:

1. M. Mumenthaler: Neurology Thieme 1990 ISBN: 0-86577-317-3
2. Devinsky, E. Feldmean, H.J. Weinreb, J.L. Wilterdink: The resident's neurology book F.A. Davis Company Philadelphia 1997 ISBN: 0-8036-0186-7
3. W.H. Olson, R.A. Brumback, G. Gascon, V. Iyer: Handbook of symptom oriented neurology Year Book Medical Publisherr INC. ISBN: 0-8151-6534-X

4. J. Spillane: Bickerstaff's neurological examination in clinical practice Blackwell Science 1996 ISBN: 0-86542-910-3

5. M.J.G. Harrison: Clinical skills in Neurology. Butterworth-Heinemann 1996. ISBN. 0 75 06 2520 1

NEUROSURGERY

Textbook:

Lecture book of neurosurgery for medical students. 1999.

György I. Csécssei
Lindsay, Bone, Callander: Neurology and Neurosurgery Illustrated, Churchill Livingstone, Edinburgh, London, New York, Second ed: 1991. 0443043450

OPHTHALMOLOGY

Compulsory reading:

Hollwich F.: Ophthalmology
Georg Thieme Verlag, Stuttgart, New York, 1985.
ISBN 3-13-560802-6 (Thieme)
ISBN 0-86577-1844-7 (TMP)

Further readings:

Kanski Jack J.: Clinical Ophthalmology: a Systematic approach
Butterworth-Heinemann International Edition 1989
ISBN 0-7506-1430-7

OTOLARYNGOLOGY

Textbook:

Collin S. Karmody: Textbook Of Otolaryngology, Third, revised edition
ISBN: 0 8121 0887-6

Lecture notes:
István Sziklai: Oto-Rhino-Laryngology -

OXYOLOGY

Compulsory reading:

Topics of lectures and practices

Further reading:

Mary T. Ho, Charles E. Saunders:
Current Emergency Diagnosis and Treatment, Appleton, Lange Norwalk, CT, USA, 4th edition, 1991. ISBN: 0 - 8385 - 1427 - 8,

John L. Jenkins MD, Joseph Loscalzo MD: Manual of Emergency Medicine Diagnosis and Treatment, Little, Brown and Co. Boston, Toronto, London, 2nd edition, 1991.,

PEDIATRICS

Compulsory reading:

Nelson: Textbook of Pediatrics

INFECTOLOGY AND PEDIATRIC

IMMUNOLOGY

Compulsory reading:

Infectious Diseases. In: Behrman RE, Kliegman RM, Arvin AM (eds.): Nelson Textbook of Pediatrics, 15th edn., WB Saunders Co., Philadelphia, 1996.

Further reading:

Mandell GL, Bennett JE, Dolin R (eds): Principles and Practice of Infectious Diseases. 4th edn. Churchill Livingstone, New York, 1995.

Cook GC (ed): Manson's Tropical Diseases, 12th edn. WB Saunders Company Ltd., London, 1997.

PSYCHIATRY

TEXTBOOK:

Nancy Andreasen, Donald W. Black: Introductory Textbook of Psychiatry. 2nd Ed.

American Psychiatric Press, Inc. London, 1995.

Michael Gelder, Richard Mayou and John Geddes: Psychiatry. 2nd Ed.

Oxford University Press, 1999.