

LIST OF TEXTBOOKS-2nd YEAR:

1. Medical Chemistry and Biochemistry 2

A. Obligatory

Group of Authors: Laboratory Manual, Medical Chemistry and Biochemistry 2. School of Medicine, University of Zagreb, Department of Chemistry and Biochemistry, 2017.

Selected chapters from:

1. Nelson D.L. and Cox M.M.: Lehninger Principles of Biochemistry. 5th Ed., W.H. Freeman (Publisher), 2008; or 4th Ed., Worth Publishers, 2005.
2. McKee T. and McKee J.R.: Biochemistry: The Molecular Basis of Life. 4th Ed., Oxford University Press, 2009.

B. Additional

1) Selected chapters from:

- a. Devlin T.E. Ed.: Textbook of Biochemistry with Clinical Correlations. 6th Ed., Wiley-Liss, 2006.
- b. Murray R.K., Bender D.A., Botham K.M., Kennelly P.J., Rodwell V.W., and Weil P.A. (Eds): Harper's Illustrated Biochemistry, 28th Ed., The McGraw-Hill Companies, 2009; or 27th Ed., 2006.

2. Histology & Embryology

Anthony L. Mescher. Junqueira's Basic Histology (text & atlas), 13th ed. Mc.Graw-Hill, Lange

Sadler TW. Langman's Medical Embryology, 11th ed. Lippincott Williams & Wilkins

3. Physiology

A. Obligatory

Guyton AC, Hall JE: Textbook Of Medical Physiology, 13th Edition, 2016.

B. Additional

(in alphabetical order):

W. Boron and E. Boulpaep. Medical Physiology 3rd Edition, ISBN: 9781455743773

R.M. Berne and M.N. Levy. Physiology 7th Edition, ISBN:9780323393942

D.R. Bell. Core Concepts in Physiology. Lippincott-Raven, ISBN: 0-316-08868-4

Linda S. Costanzo. Physiology 6th Edition, ISBN: 9780323478816

Chapters from Guyton Textbook for exam:

Ph-1 includes chapters 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 23 (pages 283-285 until "Valvular Leasions"), 33, 34, 37, 61

Ph-2 includes chapters; 25, 26, 27, 28, 29, 30, 31, 38, 39, 40, 41, 42, 43 (pages 549-551 until "Pathophysiology of Specific Pulmonary Abnormalities"), 44, 45

Ph-3 includes chapters: 63, 64, 65, 66, 68,69, 70, 71,72, 73, 74,75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85

4. Immunology

A. Obligatory

1. Abbas AK, Lichtman H, Pillai S. Cellular and molecular immunology, 9th edition, Philadelphia Saunders, 2018.

B. Additional

1. Parham Peter. The Immune System, 4th Edition, New York-London, Garland Science, Taylor & Francis Group, 2014.
2. Delves PJ, Martin SJ, Burton DR, Roitt IM, Roitt's Essential Immunology, 13th edition. Wiley-Blackwell, 2017.
3. Murphy K., Weaver C. Janeway's Immunobiology, 9th edition. New York: Garland Science; 2016.
4. Geha R, Notarangelo L. Case studies in immunology: A clinical companion, 7th edition. New York: Garland Science; 2016.
5. Hawley LB, Clarke B. Microbiology & Immunology: Board Review Series, 6th edition. Philadelphia: Lippincott Williams & Wilkins; 2013.

5. Fundamentals of Neuroscience

A. Obligatory

1. Bear MF et al. **Neuroscience: Exploring the Brain**, 4th edition. Lippincott Williams & Wilkins, 2016.

B. Additional

1. Kandel ER et al. (eds.) **Principles of Neural Science**, 5th edition, 2013.
2. Purves D. et al. (eds.) **Neuroscience**, 5th edition. Sinauer Associates, 2012.
3. Heines D. **Neuroanatomy: An atlas of Structures, Sections, and Systems**, 9th edition, Wolters Kluwer LWW, 2015.
4. Squire LR et al. (eds.) **Fundamental Neuroscience**, 4th edition, Academic Press, 2013.
5. Niuwenhuys R et al. **The Human Central Nervous System. A Synopsis and Atlas**. Fourth edition, Springer, 2007.

6. Medical Sociology

A. Obligatory

- 1) Cockerham W. , Medical Sociology, 9th Edition, Prentice Hall, NY, 2003
- 2) Bird CE, Conrad P, Fremont AM (Editors); Handbook of Medical Sociology; Fifth edition, Prentice Hall, Upper Saddle River, NY, 2000

7. Psychological Medicine

A. Obligatory

1. Huges, P., D. Riordan. *Dynamic Psychotherapy explained*. Radcliffe Publishing, Oxford- Seattle, 1999.

B. Mandatory

1. Mayou, R., Sharpe, M., Carson., *ABC of Psychological Medicine*, BMJ Books. 2003

8. Measurement and Analysis of Human Locomotion

A. Obligatory

- 1) V. Medved: *Measurement of Human Locomotion*; CRC Press Inc., Boca Raton, FL, 2001.
- 2) M.M. Pećina and D. Bojanić: *Overuse Injuries of the Musculoskeletal System, Second Edition*; CRC Press Inc.; Boca Raton, FL, 2003.
- 3) J. Rose and J.G. Gamble (Eds.): *Human Walking, Third Edition*; Lippincott Williams & Wilkins, Baltimore, Md, 2006.

B. Additional

- 1) P. Allard, A. Cappozzo, A. Lundberg and C.L.Vaughan (Editors): *Three-dimensional Analysis of Human Locomotion*; John Wiley & Sons, New York, 1997.
- 2) J.M. Winters and P.E. Crago (Eds.): *Biomechanics and Neural Control of Posture and Movement*; Springer-Verlag, New York, 2000.
- 3) R. Merletti and P.A. Parker (Eds.); *Electromyography. Physiology, Engineering, and Noninvasive Applications*; IEEE Press, JohnWiley & Sons, Inc., Hoboken, New Jersey, 2004.

9. Croatian Language 2

1. Obligatory

- 0 1. Course pack

10. Fundamentals of Medical Skills 2

Communication skills

Dr. Jonathan Silverman, Suzanne M. Kurtz, Juliet Draper. *Skills for communicating with patients*. Radcliffe Pub., 2005.

Bras M, Djordjevic V, Milicic D. Janjanin M. Doctor-Patient Relationship. In: V. Djordjevic, M.Bras, D. Milicic (Eds). *Person in Medicine and Helathcare: From Bench to Bedside to Community*. Zagreb: Medicinska Naklada, 2011: 7 – 15.

Practical and clinical skills

Degoricija V. ed. *Emergency medicine*. Second edition. Zagreb:Libar, 2013.