

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, 2020. Selected chapters from:

1. Nelson D.L. and Cox M.M.: Lehninger Principles of Biochemistry. 7th Ed., W.H. Freeman & Co Ltd. (Publisher), 2017; or 6th or 5th Ed.
2. McKee T. and McKee J.R.: Biochemistry: The Molecular Basis of Life. 4th Ed., Oxford University Press, 2009.

B. Additional

Selected chapters from:

1. Devlin T.E. Ed.: Textbook of Biochemistry with Clinical Correlations. 6th Ed., Wiley-Liss, 2006.
2. 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, 14th Edition, 2020.

ISBN number: 978-0-323-59712-8

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, 10th edition, Philadelphia Saunders, 2022.

B. Additional

1. Parham Peter. The Immune System, 5th Edition, W.W.Norton & Company, Inc., 500 Fifth Avenue, New York, NY, 2021.
2. Delves PJ, Martin SJ, Burton DR, Roitt IM, Roitt's Essential Immunology, 13th edition. Wiley-Blackwell, 2017.
3. Murphy K., Weaver C, Berg L. Janeway's Immunobiology, 10th edition. New York: Garland Science; 2022.
4. Geha R, Notarangelo L. Case studies in immunology: A clinical companion, 7th edition. New York: Garland Science; 2016.
5. Hawley LB, Ziegler R J, 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. Nieuwenhuys 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. Additional

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.
- 4) V. Medved: *Measurement and Analysis of Human Locomotion*, Springer, 2021

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.

11. Anxiety and how to brak free from it

Gregurek R. Psihološka medicina, Medicinska naklada, Zagreb, 2011
handouts

12. Stress and the brain

Guyton & Hall, "Medical Physiology", 14th Edition, Elsevier, 2020. Chapters 58, 60 and 77.

Mark F. Bear, Barry W. Connors, Michael A. Paradiso, Neuroscience: Exploring the Brain, 4th Edition, 2015, Chapters. 15, 18, 22

Texts that students will receive in the class