

LIST OF TEXTBOOKS-2nd YEAR:

1. Medical Chemistry and Biochemistry 2

A. Obligatory

Selected chapters from:

- 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.)
- McKee T. and McKee J.R.: Biochemistry: The Molecular Basis of Life. 4th Ed., Oxford University Press, 2009.
- Group of Authors: Laboratory Manual, Medical Chemistry and Biochemistry 2. School of Medicine, University of Zagreb, Department of Chemistry and Biochemistry, 2023.
- Teaching material at LMS e-learning platform

B. Additional

- Devlin T.E. Ed.: Textbook of Biochemistry with Clinical Correlations. 6th Ed., Wiley-Liss, 2006.
- 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

A. Obligatory

- Mescher: Junqueira's Basic Histology, 17th edition
- Sadler: Langman's Medical Embryology, 15th edition

B. Additional

- Materials available on e-learning platform: recorded lectures, seminars, scanned and described histological slides

3. Physiology

A. Obligatory

- Guyton AC, Hall JE: Textbook Of Medical Physiology, 14th Edition, Elsevier
- Manual for practical lessons (1-12, LMS)

B. Additional

- 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

4. Immunology

A. Obligatory

Abbas AK, Lichtman AH, Pillai S, Henrickson S. Cellular and Molecular Immunology. 11th edition. Elsevier; 2025.

B. Additional

1. Delves PJ, Martin SJ, Burton DR, Roitt IM, Roitt's Essential Immunology, 13th edition. Wiley-Blackwell, 2017.
2. Murphy K., Weaver C, Berg L. Janeway's Immunobiology, 10th edition. New York: Garland Science; 2022.
3. Milivoj Boranić. Zbirka zadataka iz imunologije: priručnik za pripremanje ispita i provjeru znanja, Medicinska naklada, Zagreb, 2005.

5. Fundamentals of Neuroscience

A. Obligatory

- "Exploring the brain" 5th edition, Bear M.F. et al., Wolters Kluwer, 2025, Philadelphia

- E-Learning platform (LMS):

It contains video lectures, as well as interactive and supplementary materials covering the content of lectures, seminars, and practical from all thematic units

B. Additional

- "Photographic atlas of neuroanatomy" Deller T, Sebesteny T., translated and edited by Vukšić, M. Medicinska Naklada, Zagreb, 2015
- "Principles of Neural Science" 6. izdanje, Kandel E.R., Koester S.H., Mack S.H., Siegelbaum S. A., ur., Elsevier, 2025

6. Medical Sociology

A. Obligatory

1. Cockerham WC. Medical Sociology. 16th ed. New York: Routledge; 2025.
2. List of literature for seminar preparation (available on the LMS site of the course).

B. Additional

1. Nettleton S. The Sociology of Health and Illness. 4th ed. Cambridge: Polity; 2021

7. Psychological Medicine

A. Obligatory

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

B. Additional

Lemma A. Introduction to the Practice of Psychoanalytic Psychotherapy 2nd Ed. Wiley-Blackwell, 2015.

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

8. Croatian Language 2

Obligatory

Course pack

Additional

Darko Matovac: Basic Croatian Grammar

9. Fundamentals of Medical Skills 2

Obligatory

1. Degoricija V ed. Emergency Medicine. Second Edition. Manualia Universitatis Studiorum Zagrabensis; Zagreb: Libar; 2013.
2. Video clips and handouts for each practical.
3. Silverman J, Kurtz SM, Draper J. Skills for communicating with patients. Radcliffe Pub., 2005.
4. Braš M, Đorđević V, Miličić D, Janjanin M. Doctor-Patient Relationship. In: Đorđević V, Braš M, Miličić D (Eds). Person in Medicine and Healthcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada; 2011: 7-15.

Additional

1. Dorđević V, Braš M, Brajković L. Person-centered medical interview. Croat Med J. 2012 Aug;53(4):310-3.
2. Bauer J, Fritzsche K, Wirsching M. Intuitive Understanding Between the Physician and Patient: Mirror Neuron System as Neurological Basis. In: Đorđević V, Braš M, Miličić D (Eds). Person in Medicine and Healthcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2012:17 – 21.
3. Brajkovic L, Braš M, Đorđević V, Cvek M. Role of Communication Skills in Person-Centered Medicine. In: Đorđević V, Braš M, Miličić D (Eds). Person in Medicine and Healthcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2012: 23-31.