

LIST OF TEXTBOOKS-1st YEAR:

1. Physics1- Basic Physics with Biophysics Essays:

A. Obligatory

Digital version of the textbook is placed on LMS

Power point presentations of all lectures and seminars are placed on LMS.

B. Additional

1. I.P. Herman: *Physics of the Human Body*, Springer, Berlin, 2007
2. P. Davidovits P: *Physics in Biology and Medicine*, Harcourt Academic Press, San Diego, 2001.
3. A. Giambattista, B. McCarthy Richardson, R.C. Richardson: *College Physics*, McGraw Hill, Boston, 2007.
4. J.D. Cutnell, K.W. Johnson: *Physics*, John Wiley and Sons, New York, 1998.
5. D. Halliday, R. Resnick, J. Walker: *Fundamental of Physics*, John Wiley and Sons, New York, 2003.
6. J. R. Cameron, J. G. Skofronick, R.M. Grant: *Physics of the Body*, Medical Physics Publishing, Madison, 1992.

2. Medical and Molecular Biology

A. Obligatory

01.Cooper, G.M. (2019): *The Cell: A Molecular Approach*, 8th edition, Sinauer Associates, New York, Oxford, Oxford University press.

https://www.amazon.com/Cell-XE-Molecular-Approach-dp-1605358630/dp/1605358630/ref=dp_ob_title_bk?asin=1605357073&revisionId=&format=4&depth=1

B. Additional

01. Alberts, B., Johnson, A., Lewis, J., Morgan, D., Raff, M., Roberts, K., Walter, P (2015) : *Molecular Biology of the Cell*, 6th Edition, Garland Science, Taylor and Francis Group, New York

[Molecular Biology of the Cell 6, Alberts, Bruce, Johnson, Alexander, Lewis, Julian, Morgan, David, Raff, Martin, Roberts, Keith, Walter, Peter - Amazon.com](#)

02. Turnpenny, P., Ellard, S., Cleaver R. (2021): *Emery's Elements of Medical Genetics and Genomics* 16th Edition, Elsevier, Amsterdam, Nizozemska

[Emery's Elements of Medical Genetics and Genomics, 16th Edition - 9780702079665 \(elsevier.com\)](#)

03. Barresi MJF, Gilbert SF (2020): *Developmental Biology*, 12th edition. Sinauer Associates, New York, Oxford, Oxford University Press., SELECTED CHAPTERS

[Developmental Biology: Barresi, Michael J.F., Gilbert, Scott F.: 9781605358222: Amazon.com: Books](#)

3. Anatomy and Clinical Anatomy

A. Obligatory

(can be in e-format also)

01. Dalley AF, Agur AMR. Moore's Clinically Oriented Anatomy. Lippincott, Wolters Kluwer; 9th edition (2022).
02. Gilroy AM, MacPherson BR, Ross LM. Atlas of anatomy (English nomenclature). Thieme Medical Publishers, Inc.; 4th edition. (2020).
03. Thieme: Color atlas of human anatomy: Vol. 1 (Platzer, 2014), Vol. 2 (Fritsch, 2014), and Vol. 3. (Kalhe. 2015). or the latest editions.

B. Additional

01. Paulsen F, Waschke J. Sobotta Atlas of Human Anatomy. Urban/Fischer Verlag/Elsevier GmbH; 16th edition (2018).
02. Rohen JW, Yokochi C, Lütjen-Drecoll E. Color Atlas of Anatomy: A Photographic Study of the Human Body. Lippincott Williams & Wilkins; 8th edition (2015) or the latest edition.
3. Acland's Video Atlas of Human Anatomy (<http://aclandanatomy.com/>)

4. Social Medicine and Introduction to Medicine

A. Obligatory

1. Detels R, Beaglehole R, Lansang MA, Gulliford M editors. Oxford Textbook of Public Health, 5th ed. Oxford University Press, New York 2011.
2. Social determinants of health. The solid facts - WHO/Europe
http://www.euro.who.int/_data/assets/pdf_file/0005/98438/e81384.pdf

B. Additional

1. Additional literature will be assigned individually during the seminar preparations according to the seminar theme.

5. History of Medicine

A. Obligatory

01. Bynum, William F. The History of Medicine: A Very Short Introduction (Very Short Introductions) .Oxford University Press; 1 edition (August 24, 2008).

B. Additional

01. Cartwright FF, Biddiss M. Disease and History: Sutton Publishing, 2004.
02. Green V, The Madness of Kings: The History Press, 2005.

6. First Aid

Obligatory :

Jerry P. Nolana et all ERC guidelines

Writing group: European resuscitation council guidelines for resuscitation 2021, April vol 161 (pages 1-60, 61-79, 80-97, 98-114, 270-290)

7. Introduction to Medical Terminology

Obligatory:

1. Power point presentations and handouts
2. Nath, J.L and Lindsley, K.P. 2019. A short course in Medical Terminology

Additional:

1. Cohen, B.J. and DePetris, A. 2014. Medical Terminology - An Illustrated guide, 7th edition.

8. Medical Chemistry and Biochemistry 1

A. Obligatory

1. Silberberg M. S.: Chemistry, The Molecular Nature of Matter and Change, McGraw-Hill, 4nd Ed., 2006. **or** Chang R.: General Chemistry; The Essential Concepts, McGraw-Hill, 4th Ed., 2006.
2. Carey F.A.: Organic Chemistry, McGraw-Hill, 5th Ed., 2003.
3. Lehninger: Principles of Biochemistry (4th or 5th or 6th or 7th ed.): Nelson, D., and Cox, M.
4. Laboratory Manual - Handbook of Chemistry for Medical Students (internal script)

9. Basic of Medical Informatics

A. OBLIGATORY

1. Enhancing the QUALity and Transparency Of health Research - Equator Network.
Available from: <http://www.equator-network.org>

B. Additional readings

1. Microsoft Excel 2010 Step by Step by Curtis Frye- Microsoft Press (2010)
2. Microsoft Office Home and Student 2010 – PC
3. Lancaster J & al. ECDL/ICDL 4.0 Study Guide. London: British Computer Society; 2007
4. Any book containing basics of Microsoft Office, and on-line help manual of any specific program (MS Word, MS Excel, MS Power Point etc.)
5. Coursera courses

10. Croatian Language

A. Obligatory

01. *Course pack*

11. Fundamentals of Medical Skills 1

A. Obligatory

Clinical and practical skills

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

Communication Skills

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

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