

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. .G.M.Cooper, Hausman R.E.5th ed (2013): *The Cell, a Molecular Approach*, ASM Press, Sinauer Associates, Washington DC, Sunderland, Massachusetts

B. Additional

01. B. Alberts, A. Johnson, J. Lewis, M. Raff, K. Roberts, P. Walter (2008) : *Molecular Biology of the Cell*, Fourth Edition, Garland Publishing, Inc., New York & London
02. P. Turnpenny, S. Eliard (2012): *Emery's Elements of Medical Genetics*, 14th Edition, Churchill Livingstone, Edinburgh, London, New York, selected chapters

3. Anatomy and Clinical Anatomy

A. Obligatory

01. Moore KL, Dalley AF. *Clinically oriented anatomy*. Lippincott, Williams & Wilkins; 7th edition (2014).
02. Gilroy AM, MacPherson BR, Ross LM. *Atlas of anatomy (English nomenclature)*. Thieme Medical Publishers, Inc.; 2nd edition. (2012).
03. Thieme: *Color atlas of human anatomy: Vol. 1 (Platzer, 2008), Vol. 2 (Fritsch, 2007), and Vol. 3. (Kalhe. 2010).* or the latest editions.

B. Additional

01. Putz R, Pabst R. *Sobotta Atlas of Human Anatomy*. Fischer Gustav Verlag GmbH; 14th edition (2006) or the latest edition.
02. Rohen JW, Yokochi C, Lütjen-Drecoll E. *Color Atlas of Anatomy: A Photographic Study of the Human Body*. Lippincott Williams & Wilkins; 6th edition (2006) or the latest edition.

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.

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. Porter R. The Greatest Benefit to Mankind: A Medical History of Humanity. Fontana Press; 1999. (Chapters II, III, V, VIII, IX, X and XI)
02. Lectures published on web site

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*, Jasmeet Soarb, David A. Zidemanc, Dominique Biarentd, Leo L. Bossaerte, Charles Deakin f, Rudolph W. Kosterg, Jonathan Wyllieh, Bernd Böttigeri, on behalf of the ERC Guidelines Writing Group: European Resuscitation Council Guidelines for Resuscitation 2015. Resuscitation 81 (2015).

7. Introduction to Medical Terminology

Handouts

Dorland's Illustrated Medical Dictionary, Saunders

8. Medical Chemistry and Biochemistry 1

A. Obligatory

Selected chapters from:

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. Katherine J Denniston, Joseph J Topping, and Robert L Caret: General, Organic and Biochemistry, McGraw-Hill, 4th Ed., 2003.
3. Laboratory Manual - Handbook of Chemistry for Medical Students, 2013 (internal script)

B. Additional

Selected chapters from:

1. Nelson D.L. and Cox M. M.: Lehninger Principles of Biochemistry. Worth Publishers, 3rd Ed., 2005.

2. Janice Gorzynski Smith: Organic Chemistry, McGraw-Hill, 3rd Ed., 2011.
3. Jonathan Crowe and Tony Bradshaw: Chemistry for the Biosciences, Oxford University Press, 2nd Ed., 2006.

9. Basic of Medical Informatics

A. Obligatory

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

B. Additional

1. Any book containing basics of Microsoft Office, and on-line help manual of any specific program (MS Word, MS Excel, MS Power Point etc.)
2. Coursera courses

10. Croatian Language

A. Obligatory

01. Course pack

B. Additional

01. Hrvatski za početnike 1 udžbenik i rječnik, Marica Čilaš-Mikulić, Milvia Gulešić Machata, Dinka Pasini, Sanda Lucija Udier, Hrvatska Sveučilišna Naklada, 2013.
02. Hrvatski za početnike vježbenica i gramatički pregled, Marica Čilaš-Mikulić, Milvia Gulešić Machata, Dinka Pasini, Sanda Lucija Udier, Hrvatska Sveučilišna Naklada, 2013.

11. Fundamentals of Medical Skills 1

A. Obligatory

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