

Required Textbooks for Basic Sciences Courses

(Disclaimer: The list is the subject to change as our program is constantly evolving. Please check this link for any updates: <https://tinyurl.com/y7jgov4e>

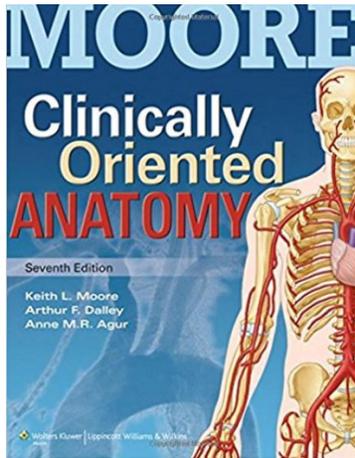
Last Update: Aug 2018

In Red - books advised to have as a hard copy

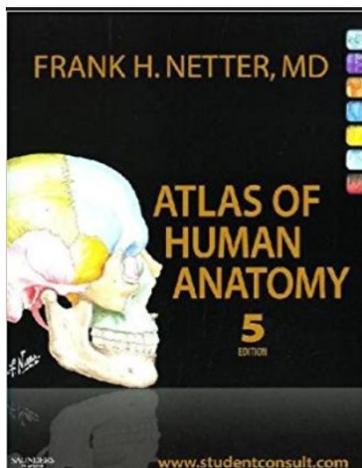
1st Semester:

1. Gross and Microscopic Anatomy:

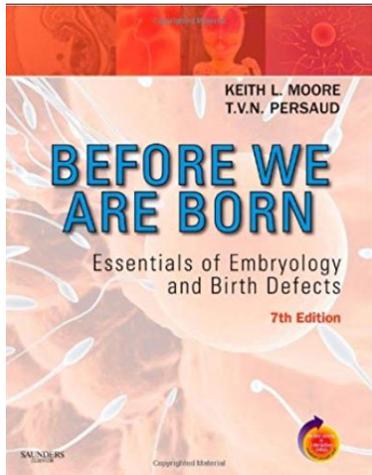
1. **Clinically Oriented Anatomy (6th or 7th Edition) by Keith Moore, Arthur F. Dalley, Anne M.R. Agur. Wolters Kluwer, Lippincott, Williams & Wilkins**



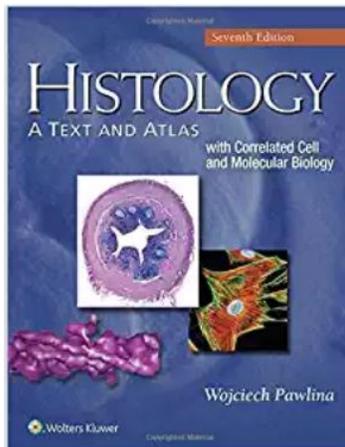
2. **Atlas of Human Anatomy (5th Edition) by Frank H. Netter, ELSEVIER, 2010**



3. **Before we are born. Essential of embryology and birth defects (7th Edition) by Keith Moore, T.V.N. Persaud**



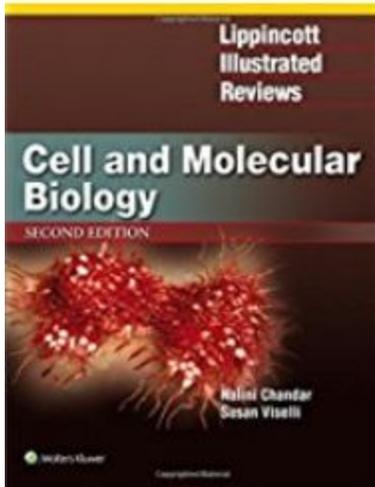
4. Histology: A Text and Atlas, 7th Edition by Ross and Pawlina, Lippincott Williams & Wilkins 2015



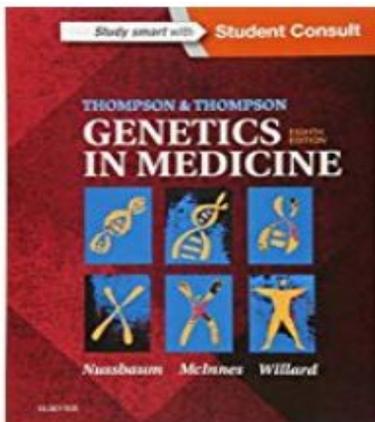


2. Molecular and Cell Biology:

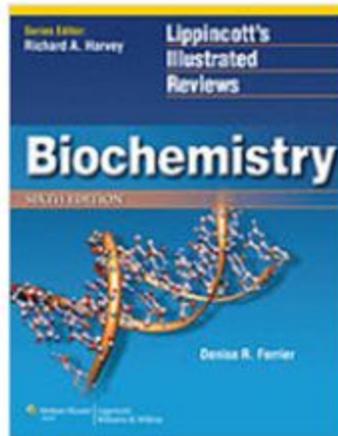
1. Lippincott Illustrated Reviews: Cell and Molecular Biology (Lippincott Illustrated Reviews Series) Second, North American Edition, 2019



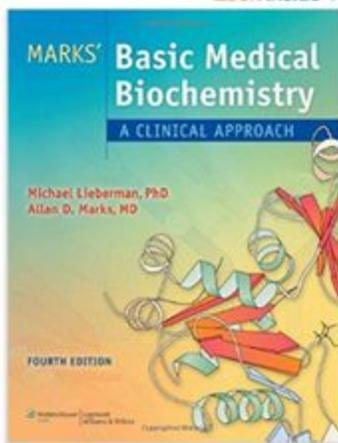
2. Thompson and Thompson Genetics in Medicine, 8th Edition. 2016



3. Lippincott's Illustrated Review: Biochemistry, by Denise R. Ferrier, 6th Edition, Wolters Kluwer, Lippincott, Williams and Wilkins, 2014 (or latest edition)

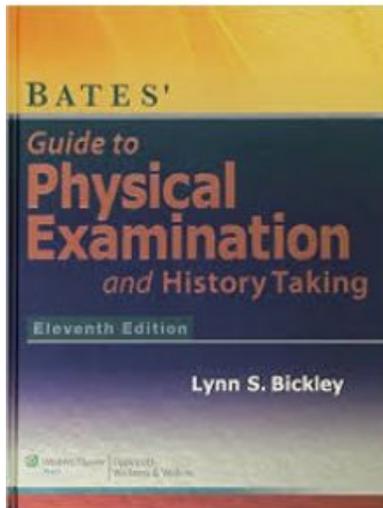


4. Marks' Basic Medical Biochemistry, A Clinical Approach. M. A Lieberman, A. Marks and A. Peet. Wolters Kluwer , Lippincott, Williams and Wilkins, 4th Ed., 2013.

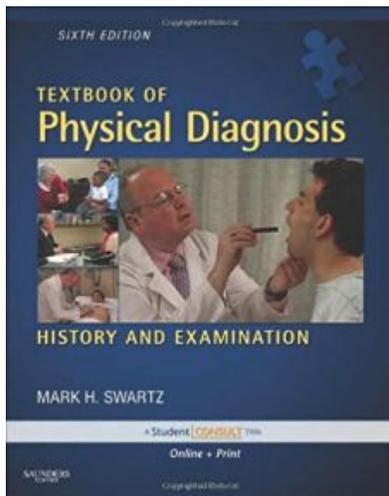


3. Patient- Doctoring Skills (all semesters)

Bates' Guide to Physical Examination and History Taking, 10th Edition, Lynn Bickley, MD and Peter Szilagy, MD, MPH, Lippincott Williams and Wilkins, 2009 (or latest edition)



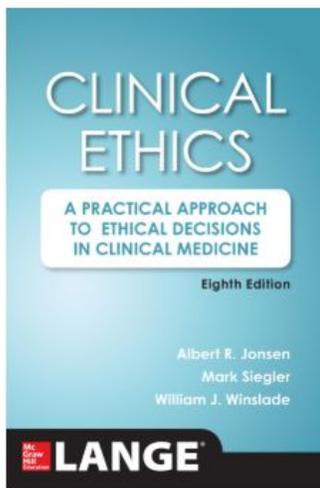
Textbook of physical diagnosis: history and examination / M. Swartz. – 6 th edition.



4. Medical Ethics:

Jonsen, Siegler & Winslade, *"Clinical Ethics: A practical approach to ethical decisions in Clinical Medicine"*. McGraw-Hill Medical. This textbook in AccessMedicine:

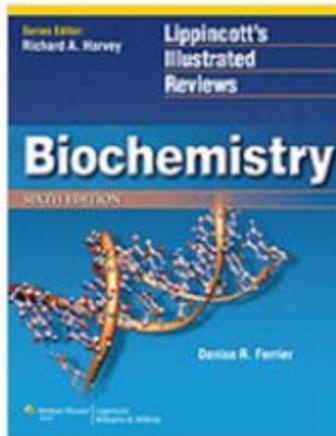
<https://accessmedicine.mhmedical.com/book.aspx?bookid=1521>



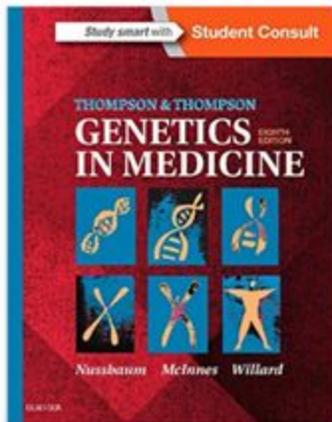
Second Semester:

5. Biochemistry and Genetics (Subject-Based Syllabus)

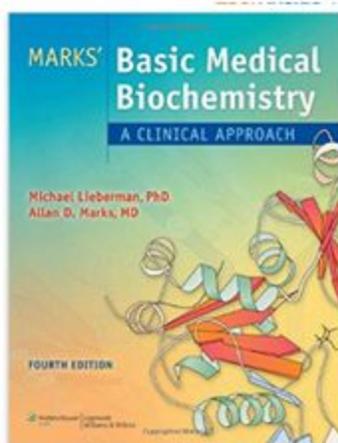
1. Lippincott's Illustrated Review: Biochemistry, by Denise R. Ferrier, 6th Edition, Wolters Kluwer, Lippincott, Williams and Wilkins, 2014



2. Thompson and Thompson: Genetics in Medicine. / Robert .L Nussbaum, Roderick .R. McInnis, Huntington .F. Willard. – 8th Edition, 2016

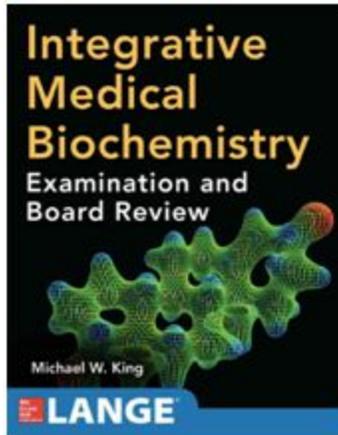


3. Marks' Basic Medical Biochemistry, A Clinical Approach. M. A Lieberman, A. Marks and A. Peet. Wolters Kluwer , Lippincott, Williams and Wilkins, 4th Ed., 2013.





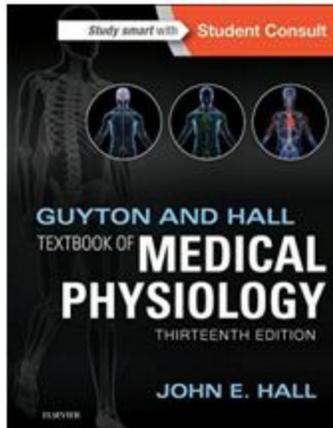
4. Integrative Medical Biochemistry: Examination and Board Review 1st Edition, Michael W. King, The McGraw-Hill Education, 2014



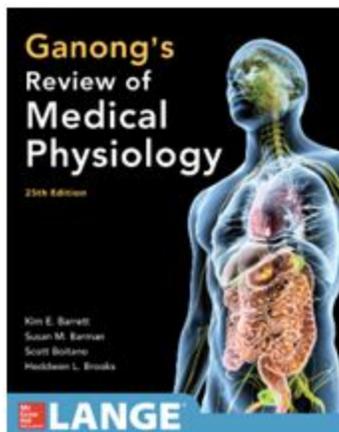


6. Physiology (Subject Based Curriculum)

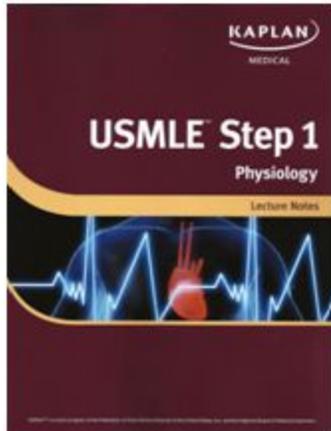
Hall, J.E. Guyton and Hall Textbook of Medical Physiology, 13th Edition. W.B. Saunders Co., 2015. ISBN: 9781455770052



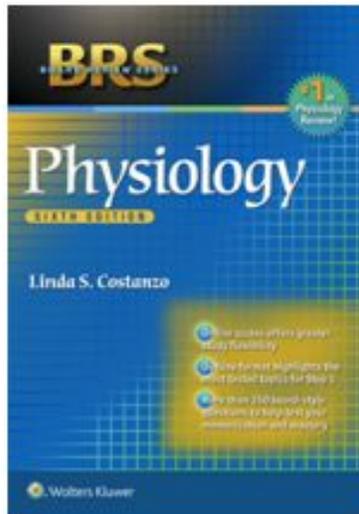
Review of Medical Physiology by W. Ganong (ISBN: 978-0-07-182510-8), 25th edition, by McGraw-Hill Education, 2016



USMLE Step 1 Lecture Notes: Physiology (Kaplan Medical), 2018



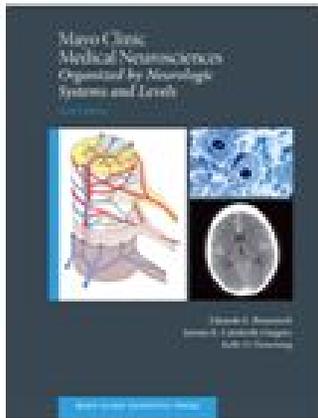
Costanzo, L.S. *BRS: Physiology*, 6th Edition (ISBN:9781451187953). Walters Cluver Health, 2015.



7. Neurosciences (Subject based curriculum)

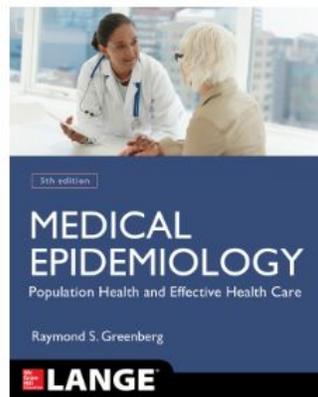
Mayo Clinic Medical Neurosciences: Organized by Neurologic System & Level, 6th Edition by Eduardo E. Benarroch, M.D. Jeremy K. Cutsforth-Gregory, M.D. & Kelly D. Fleming, M.D. (2017). Oxford University Press. (ebook available at amazon.com).

ISBN-13: 978-0190209407



8. Public Health and Epidemiology (Subject Based Curriculum)

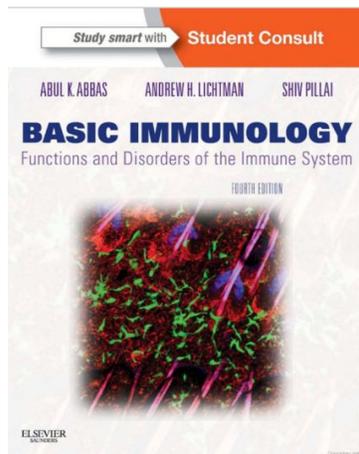
Greenberg, R.S. Medical epidemiology: Population health and effective health care, 5th Edition (2015), McGraw-Hill Education, ISBN: 0071822720 (available on <http://accessmedicine.mhmedical.com/book.aspx?bookID=1430>)



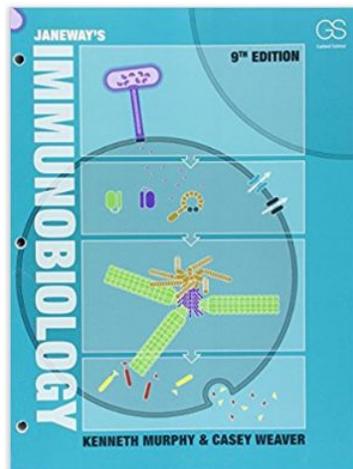
Third Semester

9. Microbiology and Immunology (subject based curriculum)

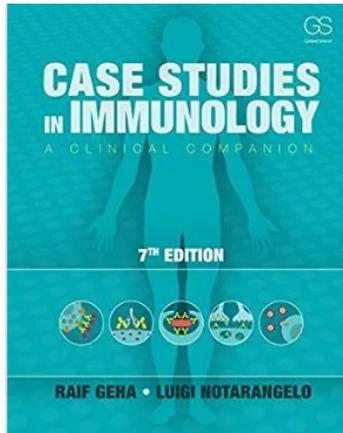
Abbas, A.K. and A.H. Lichtman. 2011. Basic Immunology: Functions and Disorders of the Immune system, 4th ed. Elsevier-Saunders ISBN 978-1-4160-4688-2 & Peter Parham



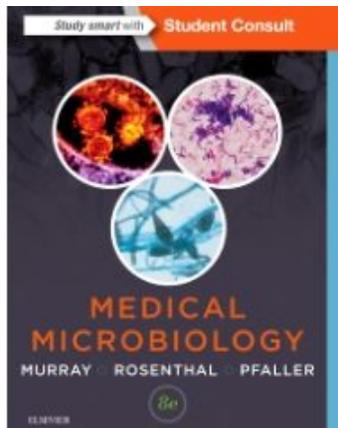
(alternative) Janeway's Immunobiology, by Kenneth Murphy & Casey Weaver, Garland Science, 9th Edition or Peter Parham.



Case Studies in Immunology – A Clinical Companion, by Raif Geha & Luigi Notarangelo, Garland Science, 7th Edition



Murray, P.R., K.S. Rosenthal, and M.A. Pfaller. 2015. Medical Microbiology, 8th edition Elsevier-Mosby (ISBN0-323-03303-2).

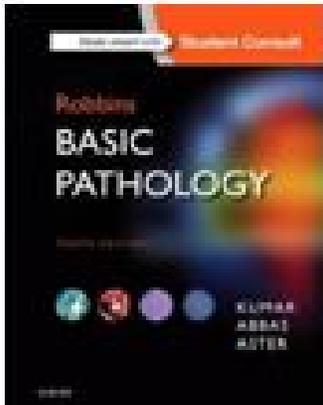




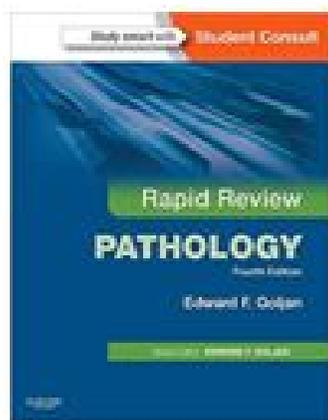
Third and Fourth semesters:

9. Pathology I and II (Subject Based Curriculum)

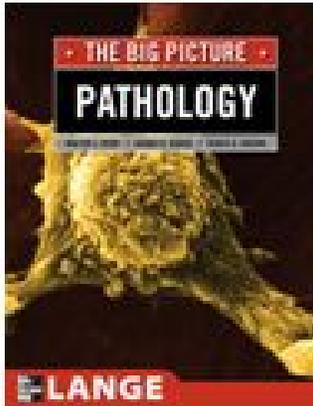
Robbins Basic Pathology, 10th Edition by Kumar, Abbas & Aster.



Rapid Review Pathology, 4th Edition, By Edward F Goljan,

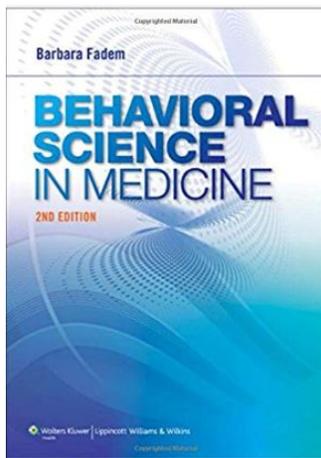


Pathology: The Big Picture; Walter L. Kemp, Dennis K. Burns, Travis G. Brown (via AccessMedicine.com)

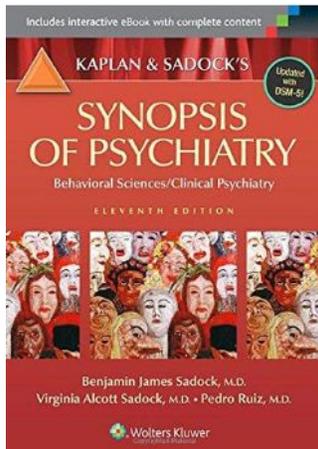


10. Behavioral Sciences and Ethics

Fadem, B. Behavioral Science in Medicine (2012), 2nd Edition, Lippincott Williams & Wilkins. ISBN: 1609136640

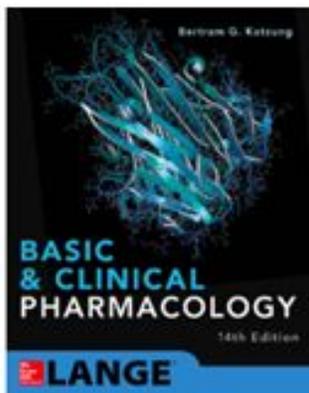


Sadock, B.J. & Sadock, V.A. Kaplan and Sadock's synopsis of psychiatry: Behavioral Sciences/Clinical Psychiatry 11th edition (2014). Wolters Kluwer Health. ISBN: 1609139712



11. Pharmacology

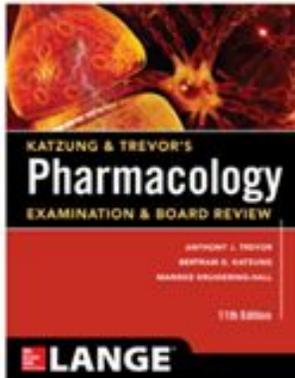
Basic & Clinical Pharmacology, Bertram G. Katzung, Susan B. Masters, Anthony J. Trevor, McGraw-Hill Education, 14th Edition, 2017.



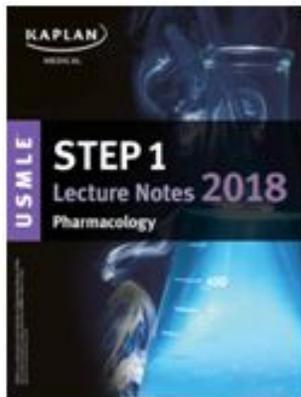
Pharmacology: Examination & Board Review, Anthony J. Trevor, Bertram G. Katzung, Marieke Kruidering-Hall, McGraw-Hill Education, 11th Edition, 2015.



ISBN: 978-0-07-182639-6

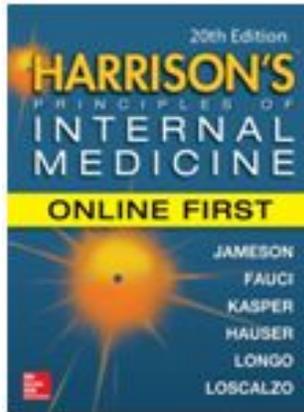


Kaplan Medical. USMLE Step 1 Lecture Notes 2018: Pharmacology. Kaplan Medical, 2018.

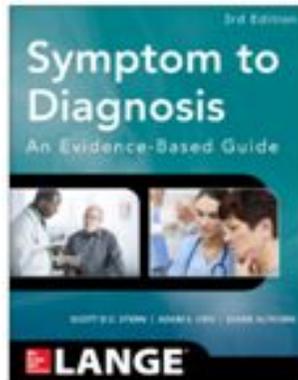


12. Introduction to Clinical Medicine

Harrison's Principles of Internal Medicine 19th Edition by Dennis L. Kasper, Eugene Braunwald, Anthony Fauci, Stephen Hauser, Dan Longo, J. Larry Jameson



Symptom to Diagnosis: An Evidence-Based Guide, 3e Scott D.C. Stern, Adam S. Cifu, Diane Altkorn



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