

## 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>

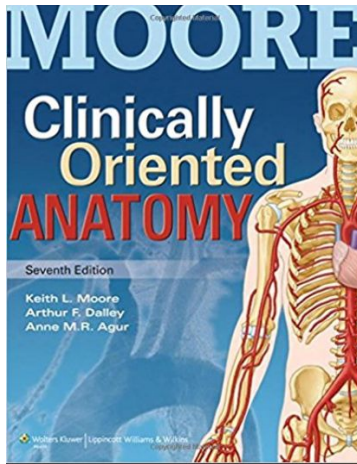
Last Update: Aug 2018

In Red - books advised to have as a hard copy

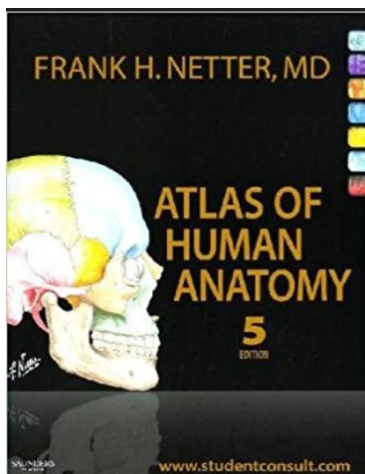
### **1st Semester:**

#### **1. Gross and Microscopic Anatomy:**

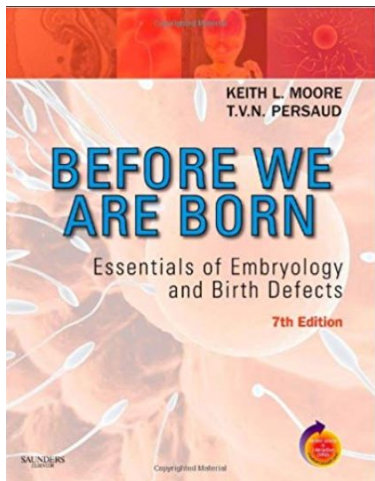
1. Clinically Oriented Anatomy (6<sup>th</sup> or 7<sup>th</sup> Edition) by Keith Moore, Arthur F. Dalley, Anne M.R. Agur. Wolters Kluwer, Lippincott, Williams & Wilkins



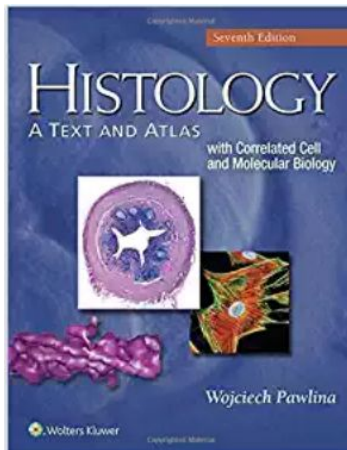
2. Atlas of Human Anatomy (5<sup>th</sup> Edition) by Frank H. Netter, ELSEVIER, 2010



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



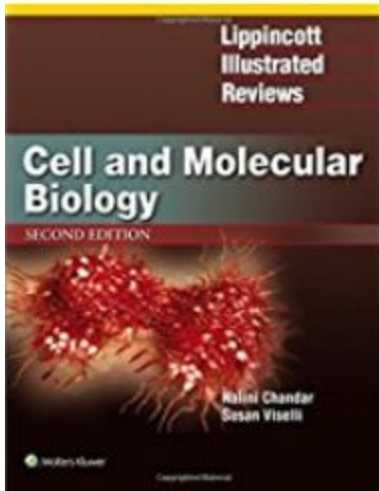
4. Histology: A Text and Atlas, 7th Edition by Ross and Pawlina, Lippincott Williams & Wilkins 2015



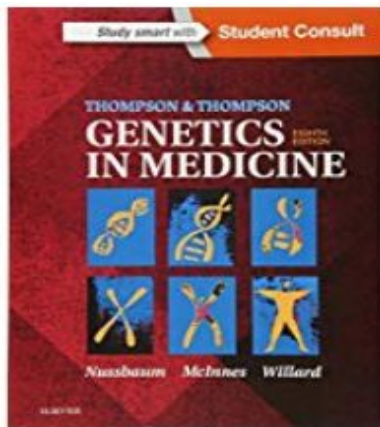


## **2. Molecular and Cell Biology:**

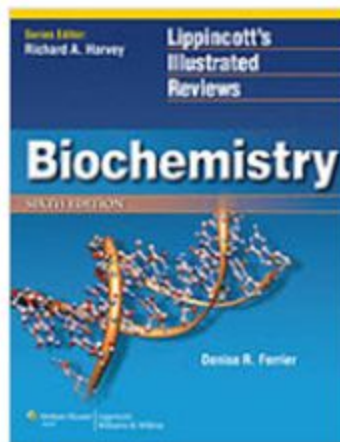
1. Lippincott Illustrated Reviews: Cell and Molecular Biology (Lippincott Illustrated Reviews Series) Second, North American Edition, 2019



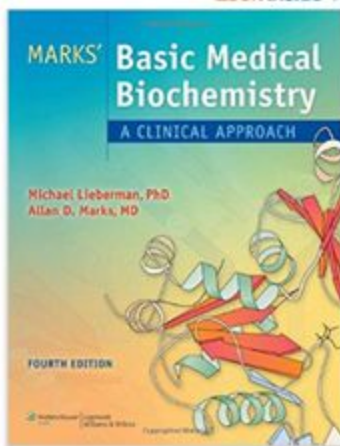
2. Thompson and Thompson Genetics in Medicine, 8th Edition. 2016



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



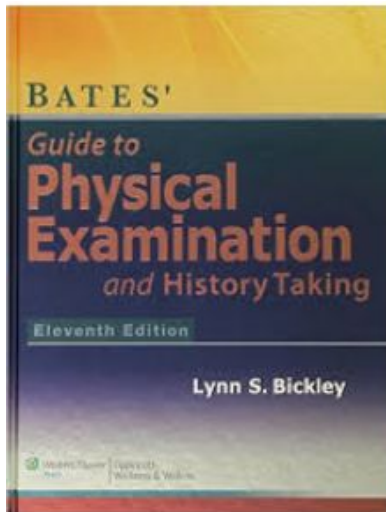
4. Marks' Basic Medical Biochemistry, A Clinical Approach. M. A Lieberman, A. Marks and A. Peet. Wolters Kluwer , Lippincott, Williams and Wilkins, 4<sup>th</sup> Ed., 2013.



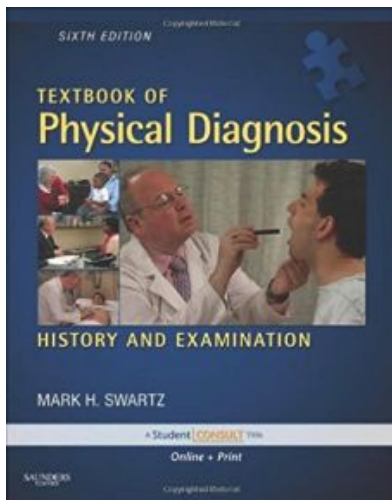


### **3. Patient- Doctoring Skills (all semesters)**

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)



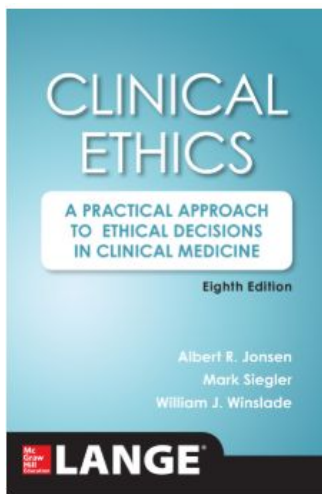
Textbook of physical diagnosis: history and examination / M. Swartz. – 6 th edition.



#### **4. Medical Ethics:**

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

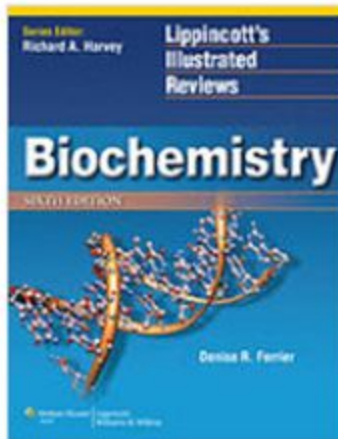
<https://accessmedicine.mhmedical.com/book.aspx?bookid=1521>



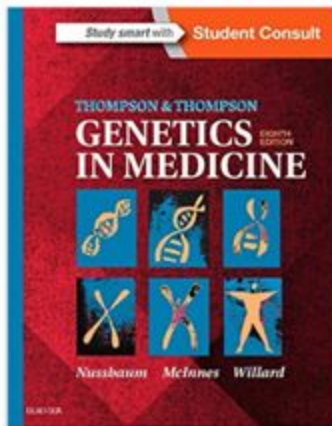
#### **Second Semester:**

#### **5. Biochemistry and Genetics (Subject-Based Syllabus)**

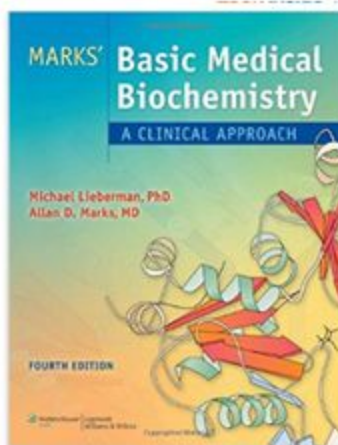
1. Lippincott's Illustrated Review: Biochemistry, by Denise R. Ferrier, 6<sup>th</sup> Edition, Wolters Kluwer, Lippincott, Williams and Wilkins, 2014



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



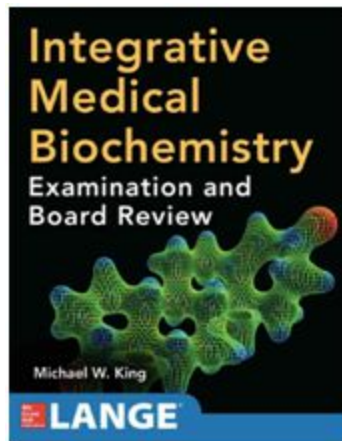
3. Marks' Basic Medical Biochemistry, A Clinical Approach. M. A Lieberman, A. Marks and A. Peet. Wolters Kluwer , Lippincott, Williams and Wilkins, 4<sup>th</sup> Ed., 2013.







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

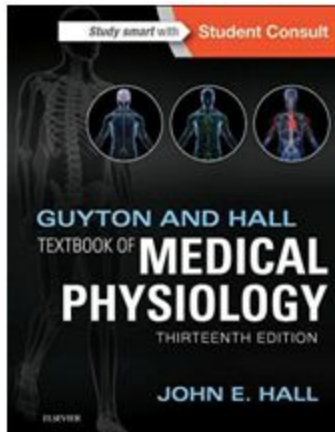




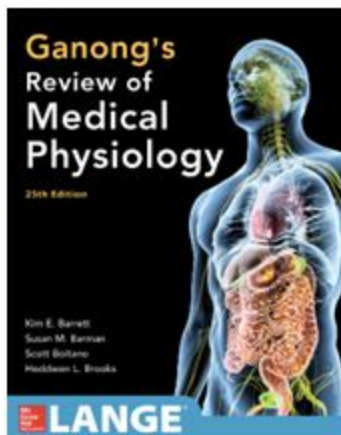


## **6. Physiology (Subject Based Curriculum)**

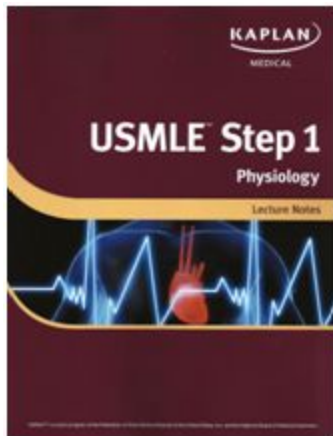
*Hall, J.E. Guyton and Hall Textbook of Medical Physiology, 13<sup>th</sup> Edition. W.B. Saunders Co., 2015. ISBN: 9781455770052*



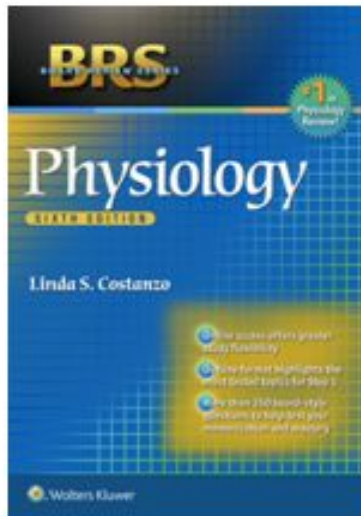
*Review of Medical Physiology by W. Ganong (ISBN: 978-0-07-182510-8), 25<sup>th</sup> edition, by McGraw-Hill Education, 2016*



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



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

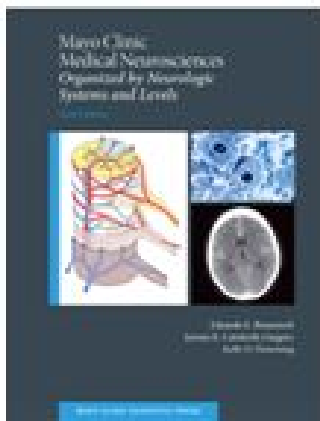




### **7. Neurosciences (Subject based curriculum)**

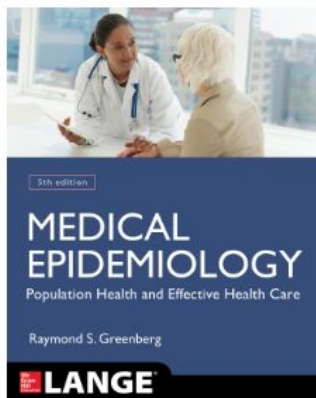
Mayo Clinic Medical Neurosciences: Organized by Neurologic System & Level, 6th Edition by Eduardo E. Benarroch, M.D. Jeremy K. Cutsforth-Gregory, M.D. & Kelly D. Flemming, M.D. (2017). Oxford University Press. (ebook available at amazon.com).

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> )

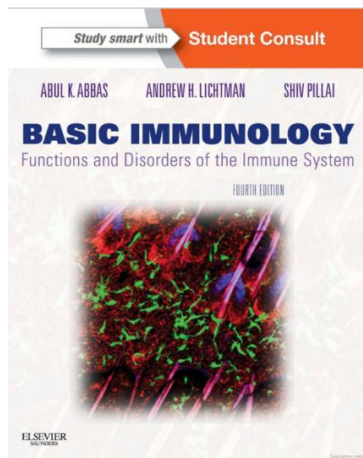




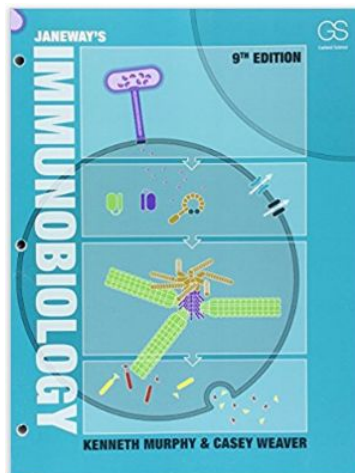
### Third Semester

#### 9. Microbiology and Immunology (subject based curriculum)

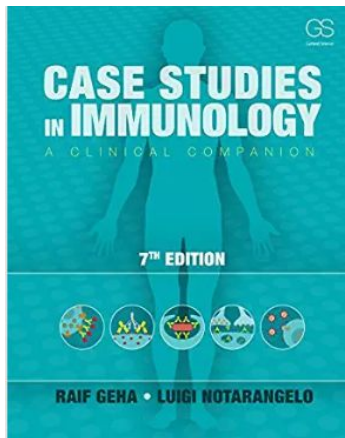
Abbas, A.K. and A.H. Lichtman. 2011. Basic Immunology: Functions and Disorders of the Immune system, 4<sup>th</sup> ed. Elsevier-Saunders ISBN 978-1-4160-4688-2  
& Peter Parham



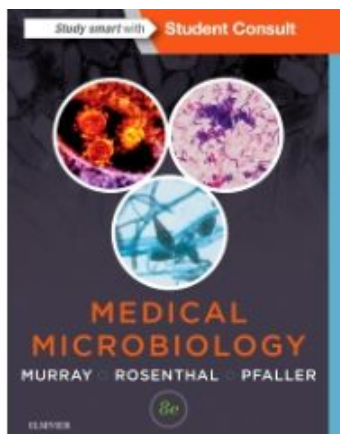
(alternative) Janeway's Immunobiology, by Kenneth Murphy & Casey Weaver, Garland Science, 9th Edition or Peter Parham.



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).

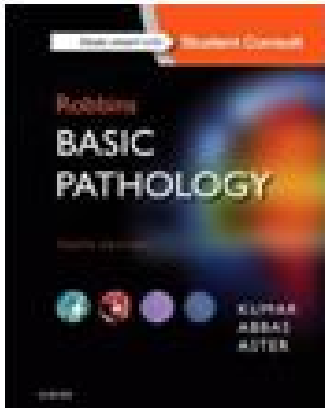




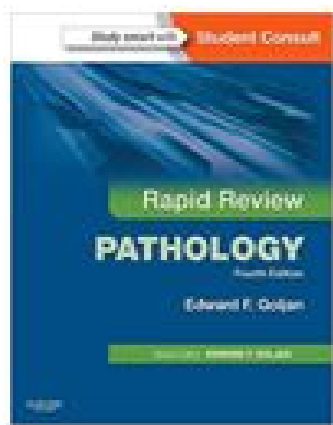
**Third and Fourth semesters:**

**9. Pathology I and II (Subject Based Curriculum)**

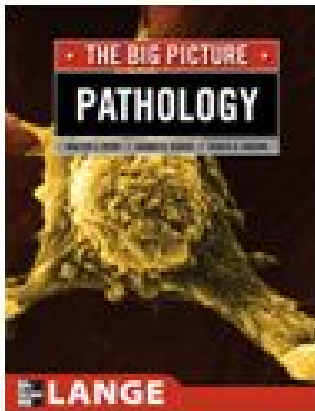
Robbins Basic Pathology, 10th Edition by Kumar, Abbas & Aster.



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)



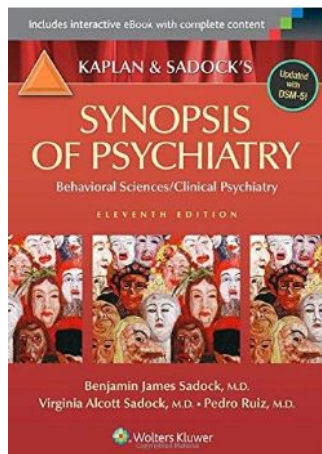
## **10. Behavioral Sciences and Ethics**

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





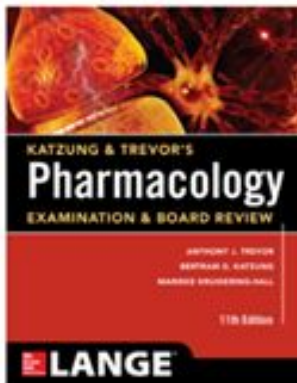
## **11. Pharmacology**

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

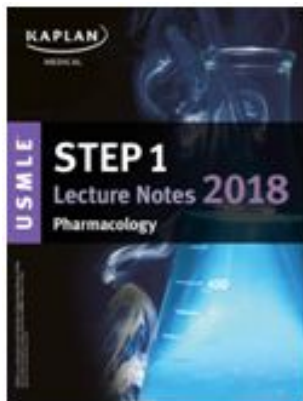


Pharmacology: Examination & Board Review, Anthony J. Trevor, Bertram G. Katzung, Marieke Kruidering-Hall, McGraw-Hill Education, 11<sup>th</sup> Edition, 2015.

ISBN: 978-0-07-182639-6

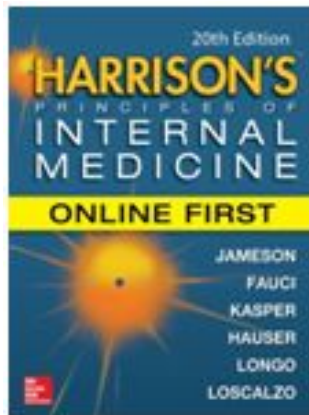


Kaplan Medical. USMLE Step 1 Lecture Notes 2018: Pharmacology. Kaplan Medical, 2018.

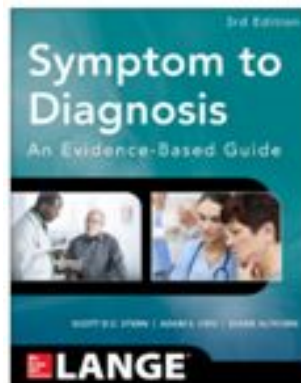


## **12. Introduction to Clinical Medicine**

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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