

## Required/Optional Textbooks Class of 2019 – First Year

### **Human Bioscience I**

**Lehninger Principles of Biochemistry** by Nelson and Cox (6th edition), W. H. Freeman and Company, New York (2013)

**Textbook of Biochemistry with Clinical Correlations**, Thomas M. Devlin, Editor, (7th edition), Wiley-Liss Publishers, New York (2011)

**Textbook of Medical Physiology (Pocket Companion)**, edited by A. C. Guyton and John E. Hall (12th edition), W. B. Saunders (2011)

**Wheater's Functional Histology** by B. Young, J. Lowe, A. Stevens and J. Heath (6th edition), Churchill Livingstone Elsevier (2013)

### **Human Bioscience II**

**Textbook of Medical Physiology (Pocket Companion)**, edited by A. C. Guyton and John E. Hall (12th edition), W. B. Saunders (2011) (same one used for HB I)

### **Gross Anatomy**

**Clinically Oriented Anatomy**, Seventh Edition. Keith L. Moore, Arthur F. Dalley, Anne M.R. Agur. Lippincott Williams & Wilkins, Wolters Kluwer (2014). ISBN: 978-1-4511-1945-9

**Human Anatomy Color Atlas and Textbook**, 5th Ed. JA Gosling, PF Harris, JR Humpherson, et al. Mosby Elsevier (2008). ISBN: 978-7234-3451-1

### **Neuroanatomy:**

**Essential Neuroscience**, Allan Siegel and Hreday N. Sapru: 2nd or 3rd Edition. Lippincott / Williams and Wilkins. Available in print and e-book versions.

### **Integrated Optics I**

Integrated Optics I (required)

Schwartz, SH (July, 2013). *Geometrical and Visual Optics: A Clinical Introduction, Second Edition*. New York: McGraw-Hill.

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This book is scheduled for publication on July 12. Students should be sure that they have access to the second edition.

### **Integrated Optics II**

**Recommended Texts:**

- 1) **Geometric, Physical, and Visual Optics** by M. Keating (Butterworth)
- 2) **Introduction to Geometrical Optics** by M. Katz (World Scientific)
- 3) **Optics and Vision** by L.S. Pedrotti and F.L. Pedrotti (Prentice Hall)
- 4) **Presbyopia: Origins Effects & Treatment** by I. Pallikaris, N. Charman & S. Plainis (Slack)

### **Visual Function Sensory**

**(required) Visual Perception: A Clinical Orientation** by Schwartz, S. H. (Fourth Edition), McGraw-Hill (2010).

**(highly recommended)** *Perception* by Blake & Sekuler (5th Edition, 2006). This text is freely available online and I am making selected chapters available on Moodle

### **OTP I and II (required)**

**Optometry: Science, Techniques and Clinical Management**, by Rosenfield M. and Logan N. Elsevier, Edinburgh (2009).

### **OABP I and II**

(Favorite among students and highly recommended) **Clinical Anatomy of the Visual System**, by Remington LA. Butterworth-Heinemann, St. Louis (2005).

(Highly recommended) **Adler's Physiology of the Eye**, by Levin LA, Nilsson FE, Ver Hoeve, J, Wu S, Kaufman P, Alm A. Saunders (11th Edition), (2011).

(Highly recommended) **The Eye: Basic Sciences in Practice**, by Forrester JV, Dick AD, McMenamin PG, Roberts F. Saunders, London (2008).

### **IS I and II**

No textbooks required