

GRADUATE ENTRY TO MEDICINE (GEM)

STAGE 1 - BOOK LIST

Molecular Basis of Life and Disease PATH20130 Recommended Reading List:

CORE RECOMMENDED TEXTBOOKS FOR STUDENT PURCHASE

1. Principles of Medical Biochemistry, Meisenburg G and Simmons WH. Mosby publishers, 2nd Edition 2006.
2. Medical Microbiology, Sherris MEDICAL MICROBIOLOGY: An Introduction to Infectious diseases, Ryan and Ray McGraw Hill 4th (International edition) ISBN 0 8385 8529 9
3. PATHOLOGY: Robbins Basic Pathology, Kumar, Abbas, Fausto, Mitchell (eds). Saunders, 8th Ed, 2007, ISBN: 978-1-4160-2973-1 (see below for alternatives to consider if you don't like this book)
4. Basic and Clinical Pharmacology, 11th Edition (LANGE Basic Science) by Bertram Katzung, Susan Masters and Anthony Trevor (2009) (new edition due March 2012)

SUPPLEMENTAL/REFERENCE TEXTBOOKS:

Biochemistry

- Textbook of Biochemistry with Clinical Correlations, Devlin TM, Wiley Publishers, 6th Edition 2006

Genetics

- New Clinical Genetics by Read and Donnai. Publishers-Scion, 2nd Edition (2011) ISBN -978 1 904842804

Medical Microbiology

- Mims Medical Microbiology, Goering, Dockrell, and Zuckerman. Mosby 4th Edition 2007 ISBN-13: 978-0-323-04475-2
- Notes on Medical Microbiology, Timbury, McCartney, Thakker and Ward. Churchill Livingstone 2002. ISBN 0 443 071 64 0

Pathology

- ALTERNATIVES to 'Robbins Basic Pathology', *which are not sufficiently detailed or versatile for Basic Mechanisms as Robbins, but suit Systematic Pathology in subsequent modules:*
 - General and Systematic Pathology, Underwood & Cross. Churchill Livingstone, 5th Ed. 2009. ISBN 978-0443068881
 - OR Muir's Textbook of Pathology 14th Ed. 2008 Hodder Arnold. ISBN 978-0-340-74062-0
- Robbins Pathologic Basis of Disease, Kumar, Abbas, Fausto, Aster. 8th Ed. 2010 (*Reference*)
- Clinical Chemistry in Diagnosis and Treatment, PD Mayne. 6th Edition 1994
- Mind Maps in Pathology, Dervan & Harrison. First Edition. 2002 (*Revision only*)

Pharmacology

- Katzung & Trevor's Pharmacology Examination and Board Review, Ninth Edition (McGraw-Hill Specialty Board Review) by Anthony Trevor, Bertram Katzung and Susan Masters (2010)

- Medical Pharmacology and Therapeutics by Derek G. Waller, Andrew G. Renwick and Keith Hillier (2010)
- Lippincott's Illustrated Reviews: Pharmacology, 5th Edition (Lippincott's Illustrated Reviews Series) by Richard A. Harvey PhD and Pamela C. Champe (due to be released July 2011)

Chemistry

- John Holum: Fundamentals of General, Organic and Biological Chemistry. Published by Wiley. 6th Revised Edition (Oct 1997) ISBN Number 9780471175742 (Approx. €50.00)

Immunology

- Lecture Notes: Immunology, 6th Edition; [Ian Todd](#) (Queen's Medical Centre, Nottingham, UK), [Gavin Spickett](#) (Royal Victoria Infirmary, Newcastle Upon Tyne, UK). ISBN: 978-1-4051-9136-4 April 2010, ©2010, Wiley-Blackwell

Human Form ANAT20120 and Anatomy of the Thorax & Associated Structures ANAT20070

Recommended Reading List:

CORE RECOMMENDED TEXTBOOKS FOR STUDENT PURCHASE

1. Clinically Orientated Anatomy: Moore, Dalley and Agur (5th Edition, 2005). Publisher Lippincott Williams and Wilkins. ISBN-10: 0781736390; ISBN-13: 9780781736398
2. Basic Histology: Atlas and Text: Junqueira L, Carneiro J (11th edition, 2005). Publisher McGraw-Hill. ISBN-10: 0071440917; ISBN-13: 9780071440912
3. Langman's Medical Embryology: Sadler (10th edition, 2006). Publisher Lippincott, Williams and Wilkins. ISBN-10: 0-7817-9485-4; ISBN-13: 978-0-7817-9485-5

SUPPLEMENTAL/REFERENCE TEXTBOOKS.

Human Anatomy Color Atlas and Text: Gosling, Harris, Whitmore, and Willan. (4th Edition, 2002) Publisher Mosby. ISBN 0-7234-3195-7

Or

Color Atlas of Anatomy: A Photographic Study of the Human Body: Rohen, Yokochi,, Lutjen and Drecoll (6th Edition, 2006). Publisher Lippincott Williams and Wilkins. ISBN 0-7817-9013-1; ISBN-13: 9780781790130

Or

Atlas of Human Anatomy: Netter (4th Edition) Publisher Elsevier. ISBN 9781416033851
Essential Anatomy (5th Edition)

Lumley, Craven and Aitken
Publisher: Churchill Livingstone

This book is useful for pre-course reading and revision

Cell-Cell Communication and Signalling PHYS20050 Recommended Reading List:

CORE RECOMMENDED TEXTBOOKS FOR STUDENT PURCHASE: PHYSIOLOGY

(1) Vander's Human Physiology with OLC Bind-in Card [10th Edition]

Eric Widmaier, Hershel Raff, Kevin Strang

ISBN: 0071116788,

Or

(2) **Berne and Levy** Principles of Physiology, [4th Edition; Year: 2005]

Matthew N. Levy, Bruce M. Koepfen, Bruce A. Stanton

ISBN 0323031951 ·

Publisher: Mosby

CORE RECOMMENDED TEXTBOOKS FOR STUDENT PURCHASE: HISTOLOGY

(1) Wheater's Functional Histology, A Text and Colour Atlas [4th edition; Year: 2000]

Barbara Young, BSc, PhD, John W. Heath, BSc, PhD,

ISBN: 0443056129

Publisher: Churchill Livingstone·

Or

(2) Basic Histology: Text & Atlas [11th Edition; Year: 2005]

Junqueira, Luiz; Carneiro, Jose

ISBN: 0071440917

Publisher: McGraw Hill

Or

(3) Basic Histology [10th edition; Year: 2003]

Junqueira, Luiz; Carneiro, Jose

ISBN: 0071378294

Publisher: McGraw Hill

Patient-Centred Practice GPRS20140

Recommended Reading List:

Recommendations will be made during the module

Cardiorespiratory Disease PATH30160

Recommended Reading List:

General and Systematic Pathology, James C.E Underwood. Churchill Livingstone 4th edition 2004. **ISBN 978-0443073342**

Cardiorespiratory Therapeutics CLIP30170

Recommended Reading List:

Clinical Pharmacology, Bennett PN, Brown MJ
Churchill Livingstone 10th edition, 2008

Or

Pharmacology, Rang HP
Churchill Livingstone 6th edition, 2007

Personal and Population Health PHPS20010

Recommended Reading List:

CORE RECOMMENDED TEXTBOOKS

B Alder, M Porter, C S Abraham and E van Teijlingen, Psychology and Sociology Applied to Medicine, 3rd edition, Churchill Livingstone 2009
ISBN 10: 0 443 06787 2 ISBN 13: 978-0-443-06787-7

SUPPLEMENTAL/REFERENCE TEXTBOOKS

Daly L and Bourke GJ Interpretaton and Uses of Medical Statistics 5th Edition, Blackwell, 2000
ISBN 10: 0 632 04763 1 ISBN 13: 978-0-632-04763-5

Cardiovascular and Respiratory Physiology PHYS20150

Recommended Reading List:

***It is recommended that students should obtain the most recent edition of the textbooks. Currently they are 6th edition for Berne & Levy, 12th edition for Vander's, 5th Edition for Wheater's and 12th Edition for Junqueira's. ***

STUDENTS SHOULD HAVE AT LEAST ONE OF THE FOLLOWING TWO PHYSIOLOGY TEXTBOOKS:

1. "Vander's Human Physiology. The Mechanisms of Body Function", Eds Widmaier, Raff & Strang. Published by McGraw-Hill.

Or:

2. "Berne & Levy Physiology", Edited by Koeppen & Stanton. Published by Elsevier. The latest edition is the Sixth Edition, Updated Edition

The first of those two texts is more basic in content while the second of those two texts is more in depth.

Cardiovascular and Respiratory Physiology PHYS20150

Recommended Reading List (Continued):

STUDENTS SHOULD HAVE AT LEAST ONE OF THE FOLLOWING TWO HISTOLOGY TEXTBOOKS:

"Basic Histology. Text and Atlas", Eds Junqueira and Carneiro. Published by McGraw-Hill.

Or:

"Wheater's Functional Histology", Eds Young, Lowe, Stevens and Heath. Published by Churchill Livingstone.

Principles of Infection MEMI30040

Recommended Reading List:

RECOMMENDED TEXTBOOKS FOR STUDENT PURCHASE:

1. Sherris MEDICAL MICROBIOLOGY: An Introduction to Infectious diseases, Ryan and Ray McGraw Hill 4th (International edition)
2. Pharmacology, Rang, Dale, Ritter & Moore. Churchill Livingstone, 5th Edition

SUPPLEMENTAL/REFERENCE TEXTBOOKS:

Medical Microbiology

- Medical Microbiology, Greenwood, Slack & Peutherer. Livingstone, 16th Edition
- Problem-orientated clinical microbiology and infection
Hilary Humphries and William L. Irving. Oxford University Press, 2nd Edition

Pharmacology

- Basic and Clinical Pharmacology, Katzung. Appleton & Lange, 8th Edition
- Clinical Pharmacology, Bennett & Brown. Churchill Livingstone, 9th Edition
- Integrated Pharmacology, Page, Sutter, Walker & Hoffman. Mosby, 2nd Edition
- Medical Pharmacology at a Glance, Neal, Blackwell Science, 4th Edition,
(revision reading)
- Medical Pharmacology, Winstanley & Walley. Churchill Livingstone, 2nd Edition, *(revision reading)*