

Bachelor of Pharmacy (Honours) Degree Program (B.Pharm. Hons)

LIST OF REFERENCE

Faculty of Allied Health Sciences

University of Sri Jayewardenepura

FIRST YEAR

PH 1801: PHYSICAL PHARMACY

1. Martin, Physical Pharmacy, B.I. Waverly PVT, Dehli
2. Michael E. Aulton, Aulton's Pharmaceutics: The Design and Manufacture of Medicines, 3rd edition, ChurchillLivingstoneElsevier, London
3. Cooper and Gunns Tutorial Pharmacy, CBS Publishers & Distributors, New Dehli
4. Alexander T. Florence, David Attwood, Physicochemical Principles of Pharmacy, 5th Edition.
5. David Attwood, Alexander T. Florence, FASTtrack: Physical Pharmacy, 2nd Edition, Pharmaceutical Press
6. Bentley's Pharmaceutics, All India Traveler Book Seller, New Dehli
7. Martin, P., Bustamante, P. and Chun, Physical & Chemical Principles of Pharmaceutical Science, A.H.C, New York
8. Martin A.M.N., Banker G.S. and Chun A.H.C. Advances in Pharmaceutical Sciences. Academic Press, London
9. Mill C.C. Casson, N. Rheology of dispersive systems. Pergamon Press, New York
10. Rienger M and Scott-Blair. G. W., Rheology. Academic Press, London
11. Barry B.W. Advances in Pharmaceutical Sciences, Academic Press, London
12. Sherman P. Emulsion Science, Academic Press, London
13. Martin A., Swarbrick J. and Cammatra A. Physical Pharmacy. Lee & Febiger, Philadelphia
14. Attwood D. and Florence A.T. Surfactant Systems. Chapman and Hall Ltd., London

PH 1702: PHARMACEUTICAL CHEMISTRY

1. T.W. Solomons, C.B. Fryhle, Organic Chemistry, Wiley
2. T.W. Solomons, C.B. Fryhle, Organic Chemistry, Student study Guide and Solution Manual, Wiley
3. R.T. Morrison, R.N. Boyd, Morrison and Boyd, Organic Chemistry, Prentice Hall
4. I.L. Finar Organic Chemistry volume 1 Longmans Green and Co.
5. I.L. Finar Organic Chemistry volume 2 Longmans Green and Co.
6. J.E. Mc Murry, Organic Chemistry, Cengage Learning

PH 1703: ANATOMY AND PHYSIOLOGY

1. Romanes, G. J.: Cunningham's, Manual of practical Anatomy. Humphary Kalfom, Oxford, Oxford University Press, London, 3 volumes
2. Gray's anatomy: Descriptive and Applied. Longman's Green and Co., London
3. J. G. Romanes, London Cunningham's Textbook of Anatomy. Oxford University Press
4. Snell, R. S. Clinical Anatomy, Boston, Little, Brown and Company
5. Keith L. More and T.V.N. Persaud, Philadelphia, Clinically Oriented Human Anatomy. W. B. Saunders
6. B. Grant, A Method of Anatomy, Bailliere Tinal and Co., Ltd., London
7. W. J. Hamilton, A textbook of Anatomy, Macmillan and Co., London
8. R. J. Last, Anatomy, Regional and Applied, J and A Chruchill Ltd., London

PHYSIOLOGY

1. Arthur C. Guyton, M.D, Text Books of Medical Physiology, W.B. Saunders Company
2. William F. Ganong, Review of Medical Physiology, Prentice Hgall international Inc.
3. Anne Waugh, Alison Grant, Ross and Wilson Anatomy and Physiology in Health and Illness, 11th edition.

PH 1504: BIOCHEMISTRY

1. Pamela C. Champe, Richard A. Harvey, Illustrated Biochemistry, J. Lippincot Company
2. Roberk Murray, Daryl K Granner, Peter A. Mayes, Victor W. Rodwell, Harper's Biochemistry, Appleton and Lange, Lange Medical Publications, New York
3. William J. Marshall, Stephen K, Marshalls Clinical Biochemistry, Elsevier Health Sciences, 2008

PH 1305: MATHEMATICS, AND INFORMATION TECHNOLOGY

1. PRECALCULUS, right triangle approach, 4th Edition, by Beecher, Judith A., Penna, Judith A., Bittinger Marvin L.
2. Calculus, James Stewart

INFORMATION TECHNOLOGY

1. Computer awareness: Introduction to Computers as per new syllabus
2. Introduction to Computers and Information Systems By: Larry Long
3. From Hardware to Software: an introduction to Computers By: Graham Lee
4. Exploring Microsoft Office 2007 Plus Edition By: Robert Grauer
5. An Introduction to Database Systems By: C.J. Date
6. Go with Microsoft Access 2007 vol. 1 annotated Instructor's edition By: Gaskin; Shelley; Townsend, Kris; Marks, Suzanne
7. Adobe Photoshop 7.0 classroom in a book
8. The ABC's of local area networks By: by Michael Dortch
9. 10-point_Regional Strategy for Strengthening Health Information Systems – WHO
10. Design and implementation of Health Information Systems – WHO
11. ICD-10 Version: 2016

SECOND YEAR

PH 2501: PHARMACEUTICS

1. Michel. E. Aulton, *Pharmaceutics*, ELBS/Churchill Livingstone, London
2. Allen, Loyd V., Jr Remington; *The Science and Practice of Pharmacy*, 22nd edition, Pharmaceutical Press
3. Bentley's *Book of Pharmaceutics*, CBS Publishers & Distributors, New Dehli
4. *Pharmaceutics, The Science of Dosage Form Design.*, Haw Court Publisher
5. E.A.Rawlins, *Berdley's Textbook of Pharmaceutics*. Macmillan Publishing Co. Inc. New York
6. Langley, Christopher A; Belcher, Dawn, *FASTtrack: Pharmaceutical Compounding and Dispensing*, Second edition, Pharmaceutical Press
7. John William Cooper, *Cooper and Gunn's Dispensing for Pharmaceutical Students*, Churchill Livingstone, London
8. Sprowl's (Dittert LW;Edt), *American Pharmacy.*, JB Lippincott Co.

PH 2702: PHARMACEUTICAL ANALYSIS

1. Silverstein, Bassler, Morrill, *Spectrometric Identification of Organic Compounds*, John Wiley and Sons, Inc
2. T.W. Solomons, C.B. Fryhle, *Organic Chemistry*, Wiley
3. D.A. Skoog, *Fundamentals of Analytical Chemistry*, Holt, Rinehart, and Winston
4. D. Harvey, *Modern Analytical Chemsitry*, McGraw-HillLough W. J, *High Performance Liquid Chromatography*, Blacki Academic Press, New York
5. William Kemp, *Organic Spectroscopy*, Ellsi Horwood, London
6. A.H. Beckett and J.B. Stennlake, *Practical Pharmaceutical Chemistry*, Part I and II, the aulton Press, London
7. A.M. Knevel and F.E. Digangi, *Jenkins's quantitative Pharmaceutical Chemistry*, McGraw Hill Book company, New York
8. A. Braithwaite and F. J. Smith, *Chromatographic Methods*, Chapman and Hall, London
9. E. Heftmann, *Chromatography*, Von Nostrond Reinheld Co., New York

10. A. Pryde and M. J. Gilbert, Applications of High Performance Liquid Chromatography, Chapman & Hall, London
11. E. Stahl, Thin Layer Chromatography, Springer-Verlag, Berlin
12. Braun RE, Introduction to Instrumental Analysis, McGraw-Hill Book Co.NY.
13. K.A.Connors, A Text Book of Pharmaceutical Analysis, John - Wiley and Sons, New York

PH 2403: PATHOPHYSIOLOGY AND PHARMACOLOGY

1. Rang and Dale's Pharmacology, Rang H.P, Dale M.M, Ritter J.M, Flower R.J, Churchill Livingstone
2. Bennett P.N, Brown M.J, Clinical Pharmacology, Churchill Livingstone
3. Katzung BG. Basic and Clinical Pharmacology 14th Edition. McGraw Hill Professional
4. Whalen K. Lippincott illustrated reviews: pharmacology. Lippincott Williams & Wilkins

PH 2504: PHARMACEUTICAL MICROBIOLOGY

1. Jawetiz, Medical Microbiology and Immunology, Churchill Livingstone, London,
2. W. B. Hugo & A. D. Russell, Pharmaceutical Microbiology, Black Well Science Ltd, London
3. Lippincott, Microbiology by Lippincott, William & Willkin, USA
4. Alcamo, Introduction to Microbiology, John Bartlett Publishers
5. Collin and Lynes, Microbiological Methods, Vutterworth Heineman, Oxford
6. M. Mekallee, Microbiology: Essentials and Application, Mac Graw Hill .Inc
7. Singleton and Sainsbury, Dictionary of Microbiology and Molecular biology, John Willey & Sons, New York
8. Pelczar, Microbiology, Mac Graw Hill .Inc
9. Prescott, Harley, Microbiology, second edition, Klein Wm. C. Brown Publishers

PH 2705: PHARMACOGNOSY

1. W. C. Evans, Trease and Evans Pharmacognosy, W. B. Saunders, Philadelphia, Toronto
2. B. Shah, A. Seth, Text book of pharmacognosy and phytochemistry, Elsevier Health Sciences
3. T.E. Wellis, Text book of Pharmacognosy, CBS Publishers & Distributors, New Dehli
4. E. Tyler, L. R. Brady and J. E. Robbers, Pharmacognosy, Lea and Febiger, Philadelphia
5. Mohammad Ali, Introduction to Pharmacognosy, CBS Publishers & Distributors, New Dehli
6. K. Usmanghani, Chemical Pharmacognosy, University Grants Commission, Islamabad,
7. K.Usmanghani, Topics in Pharmacognosy, University Grants Commission Monograph Series, Islamabad, pp. 74
8. Youngkin HW, Text Book of Pharmacognosy, The Blakiston Co. Toronto

PH 2306: PHARMACY LAW AND ETHICS

1. Cosmetics, Devices and Drugs Act 27 of 1980 and Amendments (Act 38 of 1984, Act 25 of 1987, Act 12 of 1993)
2. Increase of Fines Act, No.12 of 2005
3. National Medicines Regulatory Authority Act, No.5 of 2015
4. National Medicines (Registration & Licesing of Medicine) Regulations, 2019.
5. Cosmetics, Devices and Drugs Regulations – The Gazette of the Democratic Socialist Republic of Sri Lanka (Extraordinary) No.378/3 of 2nd December 1985
6. Poisons Opium and Dangerous Drugs Ordinance
7. Poisons Opium and Dangerous Drugs (Amendment) Act, No. 13 of 1984
8. Food Act No. 26 of 1980
9. Other relevant acts, Gazette notifications and official circulars
10. Canadian and UK Guidelines of Good Pharmacy Practice
11. Animal Disease Act, No 59 of 1992
12. Shop and Office Employees Act No 19 of 1954

THIRD YEAR

PH 3301: PHARMACY PRACTICE

1. Remington's Pharmaceutical Sciences, Mack Publishing Company, USA
2. Good Pharmacy Practice Training Manual, WHO India Country Office, October 2005
3. Sri Lanka Annual Health Report, 2012
4. Handbook of Institutional Pharmacy Practice, 4th edition, Thomas R. Brown
5. Pharmacy Practice, Patricia Stone and Stephen J. Curtis, Pharmaceutical Press, UK
6. Rascati K. Essentials of pharmacoeconomics. Lippincott Williams & Wilkins;

PH 3602: PHARMACEUTICAL TECHNOLOGY

1. Lackman, Theory and Practice of Industrial Pharmacy, Verghese Publishing House, Bombay
2. Cooper and Gunn's, Tutorial Pharmacy, CBS Publishers & Distributors, New Dehli,
3. Bentley's Pharmaceutical Text Book, CBS Publishers & Distributors, New Dehli
4. Remington's Pharmaceutical Sciences, Mack Publishing Company, USA
5. John Sharp, Good Pharmaceutical Manufacturing Practice, Rational and Compliance
6. A.H. Beckett and J.B Stennlake, Practical Pharmaceutical Chemistry, Part-I and II. The Alton Press, London.
7. J. T. Carstensen and C. T. Rhodes, Drug Stability: Principles and Practices, Merceel Dekker, New York.
8. Sydney H. Willig, Good Manufacturing Practices for Pharmaceuticals. Marcel Dekker Publishing
9. Bryant R, The pharmaceutical Quality Control Hand Book, Aster Publishing Corporation, Eugene
10. 1. Anya M. Hellery, Drug delivery and targeting, Taylor and Francis, London
11. Joseph R. Robinson Controlled drug delivery, Marcel and Dakker Inc, New York
12. T. V. Ramabhadran, Pharmaceutical design and development, Ellis Horwood, New York

13. M. E. Aulton, *Pharmaceutics: Science of Dosage Forms Design*, ELBS/Churchill Livingstone, London
14. Banker, *Modern pharmaceuticals*, Marchell Dakker Inc, New York
15. N. K. Jain , *Controlled and Novel drug delivery*, CBS Publishers & Distributers, New Dehi
16. Ansel, *Pharmaceutical Dosage Form in Drug Delivery System*, Lee and Febiger, London

PH 3503: HOSPITAL AND COMMUNITY PHARMACY

1. Remington's *Pharmaceutical Sciences*, Mack Publishing Company, USA
2. *Good Pharmacy Practice Training Manual*, WHO India Country Office, October 2005
3. *Sri Lanka Annual Health Report*, 2012
4. *Manual on Management of Drugs*, Second revision, Ministry of Health care and Nutrition, SL
5. *Handbook of Institutional Pharmacy Practice*, 4th edition, Thomas R. Brown

PH 3604: PHARMACOLOGY AND TOXICOLOGY

5. *Rang and Dale's Pharmacology*, Rang H.P, Dale M.M, Ritter J.M, Flower R.J, Churchill Livingstone
6. Bennett P.N, Brown M.J, *Clinical Pharmacology*, Churchill Livingstone
7. Katzung BG. *Basic and Clinical Pharmacology* 14th Edition. McGraw Hill Professional
8. Whalen K. *Lippincott illustrated reviews: pharmacology*. Lippincott Williams & Wilkins

PH 3605: APPLIED PHARMACOGNOSY

1. W. C. Evans, Trease and Evans Pharmacognosy, W. B. Saunders, Philadelphia, Toronto
2. B. Shah, A. Seth, Text book of pharmacognosy and phytochemistry, Elsevier Health Sciences
3. P. M Dewick, Medicinal Natural Products, A Biosynthetic approach, John Willey & Sons
4. T.E. Wellis, Text book of Pharmacognosy, CBS Publishers & Distributors, New Delhi
5. E. Tyler, L. R. Brady and J. E. Robbers, Pharmacognosy, Lea and Febiger, Philadelphia
6. H. Wagner and S. Bladt, Plant Drug Analysis, A Thin Layer Chromatography Atlas, 2nd edition, Springer-Verlag, New York (1996).
7. E. Stahl, A Laboratory Handbook, Thin-Layer Chromatography: Springer-Verlag (1969)

PH 3506: PHARMACEUTICAL MARKETING, MANAGEMENT AND ACCOUNTING

1. Philip T. Kotler, Gary Armstrong, Principles of Marketing, 15th edition
2. Philip T. Kotler, Kevin Lane Keller, Marketing Management, 14th edition
3. M. Ahmad & N. I. Bukhari, Pharmaceutical Management and Marketing, Tariq Academy, Faisalabad-Pakistan.
4. C. Patrick Tharp & Pedro J. Lecca, Pharmacy Management for students and practitioners, The C. V. Mosby Company, St. Louis, Toronto, London.
5. Harry A. Smith, Principles & Methods of Pharmacy Management, Lea & Febiger, Philadelphia.

PH 3307: BIOSTATISTICS

1. Introductory biostatistics for the Health Sciences, Michael R.Chernick, Robert H.Friis
2. Fundamentals of biostatistics, 7th Edition, Bernard Rosner
3. Chaudhry SA and Kmal S. Introduction to Statistical Theory, Part-I and Part –II, Ilmi Kitab Khana, Urdu Bazar, Lahore

FOURTH YEAR

PH 4301: BIOPHARMACEUTICS

1. Leon Shargel, Applied Pharmacokinetics and Biopharmaceutics, Appleton & Lange, New York
2. Malcolm Rouland, Thomous N. Tozer, Clinical Pharmacokinetics, William & Willkins, LONDON
3. Milo Gibaldi, Biopharmaceutics and Clinical Pharmacokinetics, Marchel & Dakker Inc, New York
4. Gibbson and Skett, Introduction to Drug Metabolism, Champ & Hall, London
5. Robert E. Notari, Biopharmaceutics and Clinical Pharmacokinetics, Marchel & Dakker Inc, New York
6. Stephen H. Curry, Drug disposition and pharmacokinetics, Black Well Scientific Publishing, Oxford
7. Avraham Yacobi, Toxicokinetics and New Drug Development, Paramount Press, New York
8. Sarfraz Niazi, Text Book of Biopharmaceutics and Clinical Pharmacokinetics Appleton-Century-Crofts, New York
9. P. Macheras, C. Reppas and J. B. Dressman, Biopharmaceutics of orally administered drugs, Ellis Horwood Limited, London
10. Albert P. Li., Invitro approaches for evaluation of drug efficacy and toxicity, CRC Press LLC USA
11. Ronald D. Schoenwald, Pharmacokinetics in drug discovery and Development, CRC Press LLC USA

PH 4802: MEDICINAL CHEMISTRY

1. Martin and Cook, Remington Practice of Pharmaceutical Science, Mack Publishing Company, USA
2. Foye WO, Principles of Medicinal Chemistry, Verghese Publishing House, Bombay,
3. Tyagi., Text Book of Synthetic Drugs, Anmol Publications, Dehli
4. Alfred Burger, Medicinal Chemistry, Jhon Willey&Sons, New York
5. Block, Roche, Soine and Wilson, Inorganic and Medicinal Pharmaceutical Chemistry, Verghese Publishing House, Bombay
6. Block, Roche, Soine and Wilson. Inorganic and Medicinal Pharmaceutical Chemistry, Lee & Febiger, Phildelphia, USA

PH 4603: CLINICAL PHARMACY

1. Roger Walker, Clinical Pharmacy and Therapeutics, Churchill Livingstone, London
2. Herfindal Gourley, Clinical Pharmacy and Therapeutics, William and Wilkins, London
3. A text book of Clinical Pharmacy Practice , Essential concepts and skills, 2nd Edition, Parthasarathi G., Karin Nyfort-Hansen, Milap C. Naltata, Universities press, India
4. SHPA Standards of Practice for Clinical Pharmacy Services (2016)
5. Wiffen P, Mitchell M, Snelling M, Stoner N. Oxford handbook of clinical pharmacy. OUP Oxford;
6. Medscape (www.medscape.com)
7. Drugs.com (www.drugs.com)
8. British National Formulary (BNF)

PH 4304: PHARMACEUTICAL BIOTECHNOLOGY

1. Principles of fermentation technology, second edition, Stanbury P.F, Whitaker
2. Molecular biology, fifth edition, Robert F.Weaver, Mc Graw Hill
3. Immunobiology – the immune system in health and disease, 5th edition
4. Pharmaceutical Biotechnology Fundamentals and Applications Edited by Daan J. A. Crommelin Robert D. Sindelar Bernd Meibohm, 3rd edition

PH 4205: PHARMACOTHERAPEUTICS

1. Rang and Dale's Pharmacology, Rang H.P, Dale M.M, Ritter J.M, Flower R.J, Churchill Livingstone
2. Clinical Pharmacology, Bennett P.N, Brown M.J, Churchill Livingstone
3. Roger Walker, Clinical Pharmacy and Therapeutics, Churchill Livingstone, London