

UNIVERSITY OF TECHNOLOGY, JAMAICA
COLLEGE OF HEALTH SCIENCES, SCHOOL OF PHARMACY

TEXTBOOK LIST 2023/2024
COURSE OF STUDY: BACHELOR OF PHARMACY YEAR 1

COURSE	AUTHOR	TITLE	EDITION	PUBLISHER	SEMESTER	ISBN #	REMARKS
Anatomy & Physiology I	Tortora, Derrickson	Principles of Anatomy & Physiology	16 th	Wiley	2 nd	0-8047141501-5	Student Text
	Martini, Frederick A.	Fundamentals of Anatomy & Physiology	11 th	Pearson (Benjamin Cummings)		0-13-899071-9	Reference Text
Chemistry	Bettetheim & Landenberg	Experiment for Introduction to Organic Chemistry – A mini-scale approach	10 th	Saunders College Publishing	1 st	0-03-019238-2	Reference Text
	Hart, Hart, Craine	Organic Chemistry	15 th	Houghton Mifflin Co.		0-395-70838-9	Student Text
	Solomon, T.W.	Organic Chemistry	12 th	John Wiley & Sons		0-471-52544-8	Student Text
Pre-Calculus and Calculus	Bostock/Chandler	Mathematics, The Core course for A'Level	2 nd	ELBS Stanley Thornes	1 st & 2 nd		Reference Text
	Haeussler E., et al	Introductory Mathematical Analysis	13 th	New Jersey” Prentice-Hall	1 st & 2 nd	13978-0321643728	Student Text
Physics	Giancoli	Physics with Applications	4 th	Prentice Hall Inc	1 st	0-13-102 153-2	Student Text
Introduction to Pharmacy	Brown-Myrie, E. and Johnson-Reid, Y.	From Apprenticeship to Graduate Pharmacy Programmes: Evolution of Pharmacy Education in Jamaica	1 st	University of Technology, Jamaica Press	ist	978-9769621121	Student Text
Microbiology	Black, Jacqueline G. Black, L.J.	Microbiology- Principles & Explorations	10 th	Wiley Prentice hall Inc	1 st	10 1119391237 -13 978-1119391234 0139207112	Reference text
	John L. Ingraham; Catherine Ingraham	Introduction to Microbiology	2 nd	Brooks/Cole Thomson Learning		0-534-55224-2	Student Text
	Tortora, Gerald/Funke, B Case, Christine L.	Microbiology: An Introduction	6 th	Benjamin/Cummings Publishing Co.		ISBN-13978-0534372248 0-805308535-5	Reference Text

	Hugo W.B./Russel A.D.	Pharmaceutical Microbiology	9th	Wiley-Blackwell		ISBN-10 1119434491 ISBN-13 978-1119434498	Reference Text	
	Brock, Thomas/Madigan, Matinko/Parker	Biology of Micro-organisms	9th	Prentice Hall		0-68308001-6	Reference Text	
Pharmaceutical Calculations	Mitchell K/Stoklosa & Howard Ansil	Pharmaceutical Calculations	12th	Williams & Wilkins	2nd	ISBN-13978- 0781762656	Student Text	
Biochemistry	Lehninger, A. L.	Principles of Biochemistry	8th		1 st	ISBN-10 1319228003 ISBN-13 978-131922800	Reference Text	
	Bhegavan, N.	Biochemistry- A Comprehensive Review	Latest				Reference Text	
	Stryer, L	Biochemistry	Latest	W.H. Freeman & Co.			0-71671920-7	Student Text
	Morrison, Errol	Biochemistry by Diagrams	Latest					Reference

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COURSE	AUTHOR	TITLE	EDITION	PUBLISHER	SEMESTER	ISBN #	REMARKS
Anatomy & Physiology II	Solomon, E. P.; Schmidt R; Adragna P.J.	Human Anatomy & Physiology	2nd	Saunders College	1 st	ISBN-10 0030119146 ISBN-13 978-0030119149	Student Text
	Martini, Frederick A.	Fundamentals of Anatomy & Physiology	11th	Prentice Hall International			0-13-899071-9
Immunology	Ivan Roitt	Essential Immunology	8 th or latest	Blackwell Science	1	0-86542-729-1	Reference Text
	Johnson, A. G., Liegler, R Lukasebyl, O, A Hawley, Louise B.	Board Review Series	3 rd	Lippincott Williams & Williams A Wolters Kluwer Company			0-683-18005-3

Pharmaceutics	Edited Michael E. Aulton; Kevin M.G. Taylor	Aulton's Pharmaceutics: The Design and Manufacture of Medicines	6 th	Elsevier	1 & 2	ISBN-13 978-0702081545	Student Text (Theory)
	Ansel & Popovich	Pharmaceutical Dosage Forms & Drug Delivery Systems	9 th	Lippincott Williams & Wilkins	1 & 2	ISBN-13 978-0781779340	Student Text (Theory)
	Lloyd V. Allen Jnr.	The Art, Science, and Technology of Pharmaceutical Compounding	6 th	American Pharmacist Association	1&2	ISBN-10 1582123578 ISBN-13 978-1582123578	Student Text (Lab)
	Winfield , Rees & Smith	Pharmaceutical Practice	4 th	Churchill Livingstone	1 & 2	978-0-443-06906-2	Student Text (Lab)
	Patrick Sinko	Martin's Physical Pharmacy and Pharmaceutical Sciences	6 th	Lippincott, Williams and Wilks	1&2	0781797667	Reference Text
		Martindale: The Complete Drug Reference	38 th	Pharmaceutical Press	1 & 2		
	Edited by Allen, Lloyd V., Jr	Remington's Pharmaceutical Science	22 nd	Pharmaceutical Press	1 & 2	978 0 85711 062 6	Reference Text
	Edited by Raymond C. Rowe	Handbook of Pharmaceutical Excipients	7 th	Pharmaceutical Press	1 & 2	978 0 85711 027 5	Reference Text

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Pharmacology							
	Page, Curtis; Sutter, Walker, Hoffman	Integrated Pharmacology	2 nd	Mosby	2	0-7234-2556-6 ISBN-10 072343221X ISBN-13 978- 0723432210	Reference Text

	Rand & Dale	Pharmacology	9th	Churchill Livingstone	2 nd	978-0702074486	Student Text
	Charles R. Craig, Robert E. Stitzel	Modern Pharmacology with Clinical Applications	6th	Little Brown & Company	2 nd	ISBN-13978-8184737257	Reference Text

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COURSE	AUTHOR	TITLE	EDITION	PUBLISHER	SEMESTER	ISBN #	REMARKS	
Pharmacognosy	Trease & Evans	Pharmacognosy	16th	Bailliere Tindell – London	1 st	978-0702029349	Student Text	
						0-812105680	Reference Text	
								Reference Text
	Harbourne J. B.	Phyto Chemical Method: A Guide to Modern Technique of Plant Analysis	e-resource	London: Chapman & Hall				Reference Text
	Robertson & Golding	Botany for the Caribbean	2nd	Collins				Reference Text
					1 st		Reference Text	
Professional Practice	Windfield, A. J Richards, R.M.E	Pharmaceutical Practice	2 nd	Churchill Livingstone	2 nd	04443-05730-3	Student Text	
	APHA Staff Krinsky, D.	Handbook of Nonprescription Drugs: An Interactive Approach to Self-Care	20th	American Pharmacists Association (APhA)		1582123179	Student Text	
Health Promotion Community Health	Ewles, L & Simnett, I	Promoting Health	2 nd	Scutari Press, London, Eng.	2 nd		Reference Text	
	Pearce E.	Environmental health and hygiene: An introduction to the promotion of health and the prevention of disease	1st	Trinity Press, London, Eng.			Reference Text	
		PAHO Health Promotion	1996	Scientific Publication D.C			Reference Text	
	Jean Carter and Marion Slack	Pharmacy in Public Health: Basics and Beyond (2010)	2010	American Society of Health-System Pharmacists, Inc.			Recommended Text	
							Reference Text	
Pathology	Robins, Angell Kumar	Basic Pathology with student consult	11 th	Elsevier	2 nd	978-0323790185	Student Text	
	Warden-Tamparo & Lewis	Diseases of the Human Body	7 th	F.A. Davis Company		978-1719640381	Reference Text	
	Kent & Hart	Introduction to Human Diseases	4th	W.B. Saunders		ISBN-10 0838540708 ISBN-13 978-0838540701	Reference Text	
	Cotran, Kumars, Robbins	Robbins Pathologic Basis of Diseases	10th	Elsevier		978-0323531139	Reference Text	

Peter Mc Robin Reid, Robin Callander	Pathology Illustrated	6 th	Churchill Livingston	2 nd	0443-05956x	Student Text (only one of the two student text is required)
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COURSE	AUTHOR	TITLE	EDITION	PUBLISHER	ISBN #	SEMESTER	REMARKS
Dispensing I (Pharmacy Practice I & Dispensing II)	James E.F. Reynolds	Martindale – The Extra Pharmacopoeia	31-38th	Royal Pharmaceutical Society	085369342-0	1 st and 2 nd	Student Text
	Lacy Charles F., Armstrong L., Goldman, Morton.; Lance Leonard L.	Drug Information Handbook	11 th or latest	Lexi-Comp. Inc.	1-59195-019-8		Student Text
		United States Pharmacopeia: vol. 1-3 Dispensing Information (USPDI)	Latest	United States Pharmacopoeia Convention Inc.	07404174		Reference Text
	Winfield, A. J. Richards, R.M.E.	Pharmaceutical Practice	4 th	Churchill Livingstone	978-0443069062		Student Text
Clinical Pharmacy & Therapeutics I, II & III	Orland, Saltman	Manual of Medical Therapeutics	Latest	Little Brown & Company	0-316924334	1 st and 2 nd	Student Text
	Wells, Barbara.; Dipiro, Joseph T.; Schwinghammer Terry L; Hamilton, Cindy W.	Pharmacotherapy Handbook	10 th	McGraw-Hill Medical Publishing Division N.Y.	0-07-136475-7		Student Text
	Young/Koda-Kimble	Applied Therapeutics: The Clinical Use of Drugs.	10 th	Applied Therapeutics Inc.	0-9154486-23-7		Reference text
	Glenn N. Levine M.D.	Pocket Guide to Commonly prescribed drugs	3 rd	Appleton & Lange	0-8385-8146-3		Reference Text
	L. Tierney, S. McPhee, M. Papadakis	Current Medical Diagnosis & Treatment 2012	51 st	Lange medical Books/McGraw Hill, Medical Publishing Division	978-0071763721		
	Eric Herfindal; Dick R. Gourley	Textbook of Therapeutics	Latest	William & Wilkins Publish Co.	0683039695		
Pharmacokinetics	Shargel & Yu	Applied Biopharmaceutics & Pharmacokinetics	7th	McGraw Hill	0-83850239-3	2 nd	Student Text
							Reference Text
	Michael E. Winter	Basic Clinical Pharmacokinetics	5th	Lippincott Williams & Wilkins	978-0781779036		Reference Text

Biopharmaceutics	Shargel & Yu	Applied Biopharmaceutics and Pharmacokinetics	7 th	McGraw Hill	0-83850239-3	1 st	Student Text
	Micheal Aulton	The Science of Dosage Form Design	7 th	Churchill Livingstone			

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COURSE	AUTHOR	TITLE	EDITION	PUBLISHER	ISBN #	SEMESTER	REMARKS
Medicinal Chemistry	W.O. Foye	Principles of Medical Chemistry	8th	Lea & Febiger (W & W)	0683-0-3323-9	1 & 2	Reference Text
	Wilson Gisoold George	Textbooks of Organic Medicinal and Pharmaceutical Chemistry	8 th	J.B. Lippincott company	0397-52092-1	1 & 2	Student Text
	L.M. Atherden	Bentley's & Driver's Textbook of Pharmaceutical Chemistry	8th	Oxford University Press		1 st & 2 nd	Reference Text
	Cooper, Bloom & Roth	The Biochemical Basis of Neuro-Pharmacology	6th	Oxford University Press	0-19502347-1	1 st & 2 nd	Reference Text
	A. Korolkouas	Essentials of Medicinal Chemistry	Latest	John Wiley & Sons	0-471-88356-3		Reference Text
Pharmacology	B. Katzung	Basic & Clinical Pharmacology	3 rd Ed.	Appleton Lange	08385-1453-7	1 st	Student Text
	Page, Curtis, Sulter Walker, Hoffman	Integrated Pharmacology	E-resource	Mosby	07234-2556-6		Reference Text
	Rang & Dale	Pharmacology	10th	Elsevier	978-0323873956		Student Text
	Mary J. Mycek	Pharmacology	2nd	Lippincott Williams	978-0397515677	1 st & 2 nd	Reference Text
Analytical Chemistry						2 nd	
	D.C. Garratt	The Quantitative Analysis of Drugs	1964 th	Chapman & Hal Ltd.	978-0412148101		Reference Text
	Skoog, West, Holler	Fundamentals of Analytical Chemistry	10th		978-0357450390		Student Text
	Jefery Bassett, Mendham Denney	Vogel's Textbook of Quantitative Chemistry Analysis	6th	Longman/Prentice Hall/Pearson	0582-25167-2	Reference Text	
	Skoog, Holler, Wieman	Principle of Instrumental Analysis	7th	Cengage Learning	978-1305577213	2 nd	
Forensic Pharmacy	Ministry of Health	Pharmacy Laws				2 nd	Student Text
	Abbott, K.R. & Penlebury, N.	Business Laws	6 th	E.D. Publication			Reference Text

Student Text

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COURSE	AUTHOR	TITLE	EDITION	PUBLISHER	ISBN #	SEMESTER	REMARKS
Epidemiology	Leon Gordis	Leon Gordis: Epidemiology	5 th edition	W. B. Saunders	07216-5137-2	1 st and 2 nd semester	Student Text
	John M. Last	A Dictionary of Epidemiology	5 th edition	IEA Oxford University Press			Reference Text
	Friedman	Primer of Epidemiology	5 th edition	McGraw Hill	0-0702245--4		Reference Text
	Masner/Kramer	Epidemiology: An Introductory Text	2 nd edition	W. B. Saunders	0-7216-618-5		Reference Text
	Friss, Robert H. and Thomas A. Sellers	Epidemiology for Public Health Practice	3rd edition	Boston, Jones and Bartlett	ISBN: 0-7637-3170-6	Reference Text	

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COURSE	AUTHOR	TITLE	EDITION	PUBLISHER	SEMESTER	ISBN #	REMARKS
*Herbal Products / Complementary Medicine		Towards a Caribbean Pharmacopoeia	30 th	Tramil 4. Workshop	1 st Semester		Reference Text
	Terry Willard	Helping Yourself with Natural Remedies	1st	Crcs Pubns		978-0916360344	Reference text
	N. Coon	Using Plants for Healing Emmaus		Pennsylvania, Rodale Press 1979			Reference Text
							Reference Text
	Tyler, Vorr E.	Herbs of Choice – The Therapeutics use of Phyto medicinals					Reference Text
	Griggs, Barbara	New Green Pharmacy – The Story of Western Herbal Medicine				978-0091814618	Reference Text
		International Journal of Pharmacognosy					Reference Text
	Robbers, Jane E. Speedie, Marilyn K. Tyler, Vorr E.	Pharmacognosy and Pharmacobiotechnology				068308500X	Reference Text
	Balch, James F./Phyllis A.	Prescription for Nutritional Healing	4th	Avery		978-1583330838	Reference Text

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COURSE	AUTHOR	TITLE	EDITION	PUBLISHER	SEMESTER	ISBN #	REMARKS
Veterinary Pharmacy (Elective)		Merck Veterinary Manual	8 th		1 st		Reference Text
	Plumb, Donald C	Veterinary Drug Handbook	7 th or latest	PharmaVet Inc			Reference Text
Sterile Technology (Elective)					1 st & 2 nd	0-80-040291-7	Student Text
	Ansel Papovich Allen	Pharmaceutical Dosage Forms & Drug Delivery System	12th	LWW		978-1975171773	Reference Text
	Hugh & Russell	Pharmaceutical Microbiology	8th	Wiley-Blackwell		978-1444330632	Reference Text
Hospital Pharmacy (Elective)	Thomas R. Brown	Handbook of Institutional Pharmacy Practice	3 rd	ASHP	1 st	1-879-907-03-8	Student Text
	Remington	The Science & Practice of Pharmacy	23rd ^h	Lippincott, Williams & Wilkins Academic Press		978-0128200070	Reference Text
		American Journal of Hospital Pharmacy					
		Management Sciences for Health: Managing Drug Supply					Reference Text
	Peter R. Konstvedt	Essentials of Managed Health Care		Boston, Mass, U.S.A.			Reference Text
Toxicology	Amdur, Doull/Klassen	Casarett & Doull's Toxicology – The Basic Science of Poisons	9th	McGraw Hill	1	978-1259863745	Reference Text

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COURSE	NO. OF STUDENTS	AUTHOR	TITLE	EDITION	PUBLISHER	SEMESTER	ISBN #	REMARKS
Pharmacy Administration	76	Woollery, Gutenberg & Brady	Pharmacy Business Management	Latest	Publish year book Medical Publisher	1		Student Text
		Ministry of Health	Pharmacy Laws					Student Text
		Harry Smith	Principles and Methods of Pharmacy Management					Reference Text
		G. A. Cole	Personnel Management – Theory and Practice	3 rd				Student Text
		Stephen P. Robin	Organizational Behaviour – Concepts, Controversies & Application	8th	Prentice Hall		0-13-857459-6	Student Text
		Gary Dessler	Management – Leading People & Organisation in the 21 st Century	2nd	Prentice Hall		0-13-862-970-6	Reference Text
		Edward Marshall	Transforming the way we Work: The power of the Collaborative Workplace.	1 st	Amacon book		978-0814402559	Reference Text
		Geoff. Lancaster & Lester Massingham	Essentials of Marketing	2nd			978-1138038967	Reference Text
		Richard Daft	Management	5 th	Cengage Learning		0357139755	Reference Text
		Plunkett & Attner	Management: Meeting & Exceeding Customer Expectations.	8th	South Western College		0-538-84496-5	Student Text
Clinical Clerkship Externship	76	Philip Anderson, James Knoben, William Troutman	Handbook of Clinical Drug Data	10 th	McGraw Hill	2	978-0071363624	Student Text