

# UNIVERSITY OF TECHNOLOGY, JAMAICA

## TEXTBOOKS REQUEST AY 2024/2025

FACULTY/DEPARTMENT/SCHOOL: College of Health Sciences, School of Pharmacy

COURSE OF STUDY: **BSc. in Pharmaceutical Technology**

**Level 1: Year 1**

| MODULE                                      | AUTHOR                                                           | TITLE                                                     | EDITION          | ISBN | PUBLISHER                                                                   | SEMESTER | REMARKS      |
|---------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|------------------|------|-----------------------------------------------------------------------------|----------|--------------|
| <b>Academic Writing I (COM1020)</b>         | Orogun, J., Jones-McKenzie, C., Kirton, L., & Bernard-Johnson, D | Academic Writing I Student's Workbook                     | Latest           |      | School of Humanities and Social Sciences, University of Technology, Jamaica | Sem 1    | Required     |
|                                             | Simmonds-McDonald, H., Fields, L., & Roberts, P.                 | Writing in English: A course book for Caribbean students  | 2 <sup>nd</sup>  |      | Houghton Mifflin Co.                                                        |          | Required     |
|                                             |                                                                  | Oxford, Cambridge or Collins Dictionary                   | Latest           |      |                                                                             |          | Recommended  |
|                                             | Kirsznner, L., & Mandell, S.R.                                   | The brief holt handbook.                                  | Latest           |      | Thomson Heinle, USA                                                         |          | Recommended  |
|                                             | Raimes, A.                                                       | Keys for writers                                          | 8 <sup>th</sup>  |      | Boston: Wadsworth                                                           |          | Recommended  |
|                                             | Robataille, J. & Connely, R.                                     | Writer's resources: From paragraph to essay               | 3 <sup>rd</sup>  |      | Thomson Wadsworth, USA                                                      |          | Recommended  |
|                                             | Wilson, P. & Glazier, T.T                                        | The least you should know about English                   | 13 <sup>th</sup> |      | Boston: Thomson Wadsworth                                                   |          | Recommended  |
|                                             | Zeuschner, R                                                     | Communicating today: The essential                        | 1 <sup>st</sup>  |      | USA: Pearson Education                                                      |          | Recommended  |
| <b>College Mathematics 1B (MAT1047)</b>     | -                                                                | -                                                         | -                | -    | -                                                                           |          | -            |
| <b>General Microbiology (MIB1001)</b>       | John L. Ingraham; Catherine Ingraham                             | Introduction to Microbiology                              | 3 <sup>rd</sup>  |      | Brooks/Cole Thomson Learning                                                |          | Student Text |
|                                             | Black, Jacqueline G.                                             | Microbiology- Principles & Explorations                   | 10 <sup>th</sup> |      | Prentice hall Inc                                                           |          | Recommended  |
|                                             | Tortora, Gerald/Funke, B Case, Christine L.                      | Microbiology: An Introduction                             | 6 <sup>th</sup>  |      | Banjamin/Cummings Publishing Co.                                            |          | Recommended  |
|                                             | Hugo W.B./Russel A.D.                                            | Pharmaceutical Microbiology                               | 5 <sup>th</sup>  |      | Blockwell Scientific Pub                                                    |          | Recommended  |
|                                             | Brock, Thomas/Madigan, Matinko/Parker                            | Biology of Micro-organisms                                | 9 <sup>th</sup>  |      | Prentice Hall                                                               |          | Recommended  |
| <b>Introduction to Psychology (PSY1002)</b> | Morris, Charles G. and Maisto Albert A                           | Understanding Psychology                                  | 9 <sup>th</sup>  |      | Pearson Education Inc. N.J. USA                                             |          | Required     |
|                                             | Baron, Roberts A.                                                | Psychology                                                | 4 <sup>th</sup>  |      | Allyn & Bacon                                                               |          | Recommended  |
|                                             | Coon, Denis and Mitterer, John O.                                | Introduction to Psychology: Gateway to Mind and Behaviour | 11 <sup>th</sup> |      | Thomson Publishing, CA, USA                                                 |          | Recommended  |
|                                             | Wade, Carole and Tavris, Carol                                   | Invitation to Psychology                                  | 4 <sup>th</sup>  |      | Pearson Education Inc: N.J., USA                                            |          | Recommended  |

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April 2024*

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|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------|---|----------------------------------------------|-------|----------------|
|                                            |                                                                                     |                                                                                    |                  |   |                                              |       |                |
| <b>Applied Organic Chemistry (CHY1005)</b> | Graham Solomons, T.W.                                                               | Organic Chemistry                                                                  | 12 <sup>th</sup> |   |                                              |       | Required       |
| <b>Community Service Project CSP1001</b>   | -                                                                                   | -                                                                                  | -                | - | -                                            |       | -              |
| Calculus (MAT2003)                         | Bostock, L. and Chandler, S.;                                                       | Mathematics, The Core course for A'Level                                           | 2 <sup>nd</sup>  |   | ELBS Publishing Co.                          | Sem 2 | Reference Text |
|                                            | Haeussler E., et al                                                                 | Introductory Mathematical Analysis                                                 | 14 <sup>th</sup> |   | New Jersey” Prentice-Hall                    |       | Recommended    |
|                                            | Stroud, K.A.                                                                        | Engineering Mathematics Programmes & Problems                                      | 5 <sup>th</sup>  |   | McMillian                                    |       | Recommended    |
|                                            | Dowling, Edward T                                                                   | Calculus for Business, Economic and the Social Sciences<br>Schaum’s Outline Series | 1 <sup>st</sup>  |   | McGraw – Hill                                |       |                |
| Information Technology                     | -                                                                                   | -                                                                                  | -                | - | -                                            |       | -              |
| Medical Physics                            | Giancoli, Douglas C.                                                                | Physics                                                                            | 7 <sup>th</sup>  |   | Prentice Hall; Englewood Cliffs New Jersey   |       | Required       |
|                                            | Hollins Martin                                                                      | Medical Physics                                                                    | Latest           |   | University of Bath, McMallian Education Ltd, |       | Recommended    |
| Pharmaceutical Calculations                | Mitchell K/Stoklosa & Howard Ansil                                                  | Pharmaceutical Calculations                                                        | 15 <sup>th</sup> |   | Williams & Wilkins                           |       | Student Text   |
| Spanish Level <b>1</b>                     | Martín, R. M. & Ellis, M. (2001).                                                   | <i>Pasos.</i>                                                                      | Latest           |   | London: Hodder & Stoughton.                  |       | Student Text   |
|                                            | Blommers, T.J.: Lagunas-Solar, M., Ritzi-Marouf, V., Rodriguez,F. & Samaniego, F.A. | <i>!Dímelo tú!</i>                                                                 |                  |   | Boston: The Thomson Corporation              |       | Reference Text |
|                                            | Kattan-Ibarra, J..                                                                  | <i>Teach yourself Spanish</i>                                                      | 3rd              |   | London: Hodder & Stoughton                   |       | Reference Text |

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## TEXTBOOKS REQUEST AY 2024/2025

FACULTY/DEPARTMENT/SCHOOL: College of Health Sciences, School of Pharmacy  
 COURSE OF STUDY: **BSc. in Pharmaceutical Technology**

Level 2: Year 2

| MODULE                                                                       | AUTHOR                                  | TITLE                                                             | EDITION                          | ISBN | PUBLISHER                                                                  | SEMESTER                | REMARKS            |
|------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------|----------------------------------|------|----------------------------------------------------------------------------|-------------------------|--------------------|
| <b>Academic Writing 2 (COM2014)</b>                                          | Jones McKenzie, C., & McDermott, H.     | Critical Thinking, reading and writing: Student's workbook        | Latest                           |      |                                                                            | Sem 1                   | Required           |
|                                                                              | Seyley, D. U                            | Read, reason, write: An argument text and reader                  | 8 <sup>th</sup>                  |      | Boston: McGraw Hill                                                        |                         | Required           |
|                                                                              | Barnet, S. & Bedau, H.                  | Critical thinking, reading and writing: A brief guide to argument | 10 <sup>th</sup>                 |      | Boston:Bedford                                                             |                         | <b>Recommended</b> |
|                                                                              | Kolin, P.C                              | Successful writing at work                                        | 4 <sup>th</sup>                  |      | Boston:Houghton Mifflin Company                                            |                         | Recommended        |
|                                                                              | McCuen, J.R. & Winkler, A.C.            | From idea to essay                                                | 10 <sup>th</sup>                 |      | Boston:Allyn and Bacon                                                     |                         | Recommended        |
|                                                                              | Reinking, J.A. Hart, A.W., & Osten, R   | Strategies for successful writing                                 | 12 <sup>th</sup>                 |      | New Jersey: Prentice Hall                                                  |                         | Recommended        |
| <b>Pharmacognosy (PHA2001)</b>                                               | Trease and Evans                        | Pharmacognosy                                                     | 16 <sup>th</sup>                 |      | Baillire Tindale, London                                                   | Sem 1<br><br>&<br>Sem 2 | Required           |
|                                                                              | ES. Ayensu                              | Medicinal Plants of the West Indies                               | Latest                           |      | Alegonac, Michgan: Reference Publications Inc.                             |                         | Recommended        |
|                                                                              | Tyler, Brady and Robber                 | Pharmacognosy                                                     | 6 <sup>th</sup>                  |      | Lea at Febiger                                                             |                         | Recommended        |
| <b>Pharmaceutics 1A-Lab (PHA2002A) &amp; Pharmaceutics 2A-Lab (PHA2003A)</b> | Winfield, A. J., Rees, J.A. & Smith, I. | Pharmaceutical Practice                                           | 5 <sup>th</sup>                  |      | London: Churchill Livingston.                                              |                         | Required           |
|                                                                              |                                         | Martindale: The Extra Pharmacopoeia                               | 29 <sup>th</sup> –Latest Edition |      | Royal Pharmaceutical Society of Great Britain Pharmaceutical Press, London |                         | Required           |
|                                                                              | Loyd V. Allen Jnr                       | The Art, Science and Technology of Pharmaceutical Compounding.    | 2 <sup>nd</sup>                  |      | American Pharmacist Association                                            |                         | Recommended        |

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|                                                                                                                |                                                      |                                                                                      |                  |  |                                                                 |                |                |
| <b>Pharmaceutics 1B Theory (PHA2002B)</b><br><br><b>&amp;</b><br><br><b>Pharmaceutics 2B Theory (PHA2003B)</b> | Ansel & Popovich                                     | Pharmaceutical Dosage Forms & Drug Delivery Systems                                  | 12 <sup>th</sup> |  | Lippincott Williams & Wilkins                                   | Sem 1          | Required       |
|                                                                                                                | Edited Michael E. Aulton; Kevin M.G. Taylor          | Aulton's Pharmaceutics: The Design and manufacture of Medicines                      | 6 <sup>th</sup>  |  | Churchill Livingston                                            | &<br><br>Sem 2 | Required       |
|                                                                                                                | Rowe, R. C., Sheskey, P., & Owen, S. C. (Eds.)       | Handbook of Pharmaceutical Excipients.                                               | 9 <sup>th</sup>  |  | London: Pharmaceutical Press.                                   |                |                |
|                                                                                                                | Swarbrick, J.                                        | In James Swarbrick (Ed.), Encyclopedia of pharmaceutical Technology.                 | Latest           |  | USA: Informa Healthcare.                                        |                |                |
|                                                                                                                | Patrick Sinko                                        | Martin's Physical Pharmacy and Pharmaceutical Sciences                               | 8 <sup>th</sup>  |  | Philadelphia: Wolters Kluwer and Lippincott Williams & Wilkins. | Sem 1          | Recommended    |
|                                                                                                                | Winfield, A. J., Rees, J.A. & Smith, I.              | Pharmaceutical Practice                                                              | 5 <sup>th</sup>  |  | London: Churchill Livingston.                                   |                | Recommended    |
| <b>Spanish Level 2</b>                                                                                         | Martín, R. M. & Ellis, M.                            | Pasos. 1 Spanish Beginner's Course                                                   | Latest           |  | London : Hodder & Stoughton                                     |                | Student Text   |
|                                                                                                                | Hidalgo, A.F. EDELSA                                 | Preparación al Diploma de Español A1.                                                | Latest           |  | EDELSA                                                          |                | Student Text   |
| <b>Elemental Principles of Chemical Engineering (CHE1001)</b>                                                  | Felder, R.M. & Rousseau, R.W                         | Elementary Principles of Chemical Process                                            | 4 <sup>th</sup>  |  | John Wiley & Sons Inc: New York                                 |                | Reference Text |
| <b>Analytical Chemistry (CHY3022)</b>                                                                          | Skoog, D.A, West, D.M, Holler, F. J, Cruch S.R       | Fundamentals of Analytical Chemistry                                                 | 10 <sup>th</sup> |  | Thomson/Cole                                                    | Sem 2          | Required       |
|                                                                                                                | Skoog, D.A, Holler, F.J, & Nieman, T.A.              | Principles of Instrumental Analysis                                                  | 7 <sup>th</sup>  |  | Harcourt Brace and Company                                      |                | Required       |
|                                                                                                                | Jeffery, G.H, Bassett, J., Mendham, J., Denney, R.C, | Vogel's Textbook of Quantitative Chemical Analysis                                   | 6 <sup>th</sup>  |  | Longman                                                         |                | Required       |
|                                                                                                                | Skoog, D.A, West, D.M, Holler, F.J                   | Analytical Chemistry: An Introduction                                                | 7 <sup>th</sup>  |  | Harcourt Brace College Publishers                               |                | Recommended    |
|                                                                                                                | Hargis, L.G.                                         | Analytical Chemistry: Principles and Techniques                                      | Latest           |  | Prentice Hall                                                   |                | Recommended    |
|                                                                                                                | Miller, J.C. Miller, J.N                             | Statistics for Analytical Chemistry                                                  | 3 <sup>rd</sup>  |  | Ellis Horwood PTR Prentics Hall                                 |                | Recommended    |
|                                                                                                                | Watson, D.G                                          | Pharmaceutical Analysis: A textbook for Pharmacy Students and Pharmaceutical Chemist | 2 <sup>nd</sup>  |  | Churchhill Livingstone                                          |                | Recommended    |

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| <b>Spanish Level 3<br/>(SPA3006)</b> | Arnold Martin, R.M & Ellis M.                                                            | Pacos I A First Course in Spanish                   | Latest           |  | Holder & Stoughton             |       | Recommended |
|                                      | Garcia –Vino, M                                                                          | Preparacion al Diploma de Espanol, A2.              | Latest           |  | Espanna:EDELSA                 |       | Recommended |
|                                      | Watson-Grant, E., Moodie-Kublasingh, S & Russian e Randon, D                             | Viva Students Book 4: CXC                           | Book 4, Latest   |  | England, Pearson Education Ltd |       | Recommended |
|                                      | Haylett, C., Britton, J., Leacock, M., Mendez, Y., Pasos, A., Pinnock, G. & Ramnarine, A | Que Hay?                                            | 2 <sup>nd</sup>  |  | UK” Nelson Thomas              |       | Recommended |
| <b>Sterile<br/>Technology</b>        | Ansel, H. C., Allen, L. V. & Popovich, N. G.                                             | Pharmaceutical Dosage Forms & Drug Delivery Systems | 12 <sup>th</sup> |  | Lippincott Williams & Wilkins  |       | Required    |
|                                      | S. Turco, R.E. King,                                                                     | Sterile Dosage Forms                                | Latest edition   |  | Lea Febiger                    |       | Required    |
|                                      | Winfield, A. J., Rees, J.A. & Smith, I.                                                  | Pharmaceutical Practice                             | 5 <sup>th</sup>  |  | London: Churchill Livingston.  | Sem 2 | Recommended |
|                                      | Leberman and Karig                                                                       | The Theory and Practice of Industrial Pharmacy -    | 3rd edition.     |  | Lachman, Lea & Febiger         |       | Recommended |
|                                      | Trissel,                                                                                 | Handbook on Injectable Drugs                        | 10th edition     |  |                                |       | Recommended |

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## TEXTBOOKS REQUEST AY 2024/2025

FACULTY/DEPARTMENT/SCHOOL: College of Health Sciences, School of Pharmacy

COURSE OF STUDY: **BSc. in Pharmaceutical Technology**

Level: Year 3

| MODULE                                                               | AUTHOR                                                  | TITLE                                                                                            | EDITION          | ISBN # | PUBLISHER                                    | SEMESTER | REMARKS      |
|----------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------|--------|----------------------------------------------|----------|--------------|
| <b>Separation Technique and Pharmaceutic Analysis (PHT3000)</b>      | Hansen,Steen, Pedersen-Bjergaard, Stig, Rasmussen Knut. | Introduction to Pharmaceutical Chemical Analysis.                                                | 1 <sup>st</sup>  |        | John Wiley and Sons.                         | Sem 1    | Required     |
|                                                                      | Moffat A.C., Osselton M.D. & Widdop B.                  | Clarke's Analysis of Drugs and Poisons: in pharmaceuticals, body fluids and post mortem material | 4 <sup>th</sup>  |        | Pharm. Press (London).                       |          | Recommended  |
|                                                                      | Cairns, D.                                              | Essentials of Pharmaceutical Chemistry                                                           | 4 <sup>th</sup>  |        | Pharm. Press (London)                        |          | Recommended  |
|                                                                      | Haines, P.J. 1995.                                      | Thermal Methods of Analysis: Principles, Applications and Problems.                              | 1 <sup>st</sup>  |        | Springer-Science.                            |          |              |
| <b>Pharmaceutical Technology I – Processing Technology (PHT3001)</b> | Aulton, M., Taylor, K.                                  | Pharmaceutics: The Design and Manufacture of Medicines.                                          | 4 <sup>th</sup>  |        | Churchill Livingstone, London                |          | Student Text |
|                                                                      | Hickey, A., Ganderton,D.,                               | Pharmaceutical Processing Engineering.                                                           | 2 <sup>nd</sup>  |        | Marcel Decker INC. USA.                      |          | Student Text |
|                                                                      | Leon Lachman, Lieberman, Kanig JL.,                     | Theory and Practice of Industrial Pharmacy,                                                      | 3rd              |        | Varghese Publishing House, Bombay            |          | Recommended  |
| <b>Biopharmaceutics/Basic Pharmacokinetics (PHA3003)</b>             | Shargel, L., Yu-Pong, S. and Yu, A. B. C.               | Applied Biopharmaceutics and Pharmacokinetics                                                    | 8 <sup>th</sup>  |        | McGraw Hill                                  |          | Required     |
|                                                                      | Ansel, H. C., Allen, L. V. & Popovich, N. G.            | Pharmaceutical Dosage Forms & Drug Delivery Systems                                              | 12 <sup>th</sup> |        | Lippincott Williams & Wilkins                |          | Required     |
|                                                                      | Micheal Aulton                                          | The Science of Dosage Form Design                                                                | 2 <sup>nd</sup>  |        | Churchill Livingstone                        |          | Required     |
| <b>Engineering Physics (PHS1005)</b>                                 | Giancoli, Douglas C.                                    | Physics for Scientist and Engineers;                                                             |                  |        | Prentice Hall; Englewood Cliffs, New Jersey; |          | Required     |
|                                                                      | Azzopardi, F & Stewart, B                               | Accessible Physics                                                                               | Latest           |        | McMillan Press Educational Publishers        |          | Recommended  |
|                                                                      | Nelkon, M. & Parker, P                                  | Advance Level Physics                                                                            | 7 <sup>th</sup>  |        | Heinemann                                    |          | Recommended  |
| <b>Research Methodology (RES3001)</b>                                | -                                                       | -                                                                                                | -                |        | -                                            | -        | -            |

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**FACULTY/DEPARTMENT/SCHOOL:** College of Health Sciences, School of Pharmacy  
**COURSE OF STUDY:** BSc. in Pharmaceutical Technology

Level: Year 3 Cont'd

| MODULE                                        | AUTHOR                                           | TITLE                                                                             | EDITION          | ISBN #                                                       | PUBLISHER                               | SEMESTER | REMARKS     |
|-----------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|------------------|--------------------------------------------------------------|-----------------------------------------|----------|-------------|
| <b>Project Seminar (HEA3011)</b>              | -                                                | -                                                                                 | -                |                                                              | -                                       | Sem 1    | Required    |
| <b>Spanish Level 4</b>                        | Kish, Glen                                       | Essential Spanish for Pharmacists                                                 | Latest           |                                                              | McGraw-Hill                             |          |             |
| <b>Pharmaceutical Microbiology (PHT3002)</b>  | Aulton, M., Taylor, K.                           | Aulton's Pharmaceutics: The Design and Manufacture of Medicines. (Ed).            | 4 <sup>th</sup>  | ISBN-13: 978-0702070051<br>ISBN-10: 070207005X               | Churchill Livingstone, London           | Sem 2    | Required    |
|                                               | Denyer, S.P., Hodges, N., Gorman, S. Gilmore, B. | Hugo and Russell's Pharmaceutical Microbiology                                    | 8 <sup>th</sup>  | ISBN-13: 978-1444330632<br>ISBN-10: 1444330632               | Wiley Blackwell                         |          | Required    |
|                                               | Lund, W.                                         | The Pharmaceutical Codex: Principles and Practice of Pharmaceutics.               | 12 <sup>th</sup> | ISBN-13: 978-0853692904<br>ISBN-10: 0853692904               | CBS Publishers and Distributors, Delhi. |          | Recommended |
| <b>Pharmaceutical Biotechnology (PHT3003)</b> | Kokate, C., Hurakadle, P.J, Jalalpure, S.S       | Textbook of Pharmaceutical Biotechnology                                          | 3 <sup>rd</sup>  | <b>ASIN:</b> B0198ZLOKM                                      | Elsivier Health Sciences                |          | Required    |
|                                               | Crommelin D., Sindelar R. & Meibohm B            | Pharmaceutical Biotechnology: Fundamentals and Applications (3 <sup>rd</sup> Ed). | 3 <sup>rd</sup>  | ISBN-13: 978-1461464853<br>ISBN-10: 1461464854               | London, UK: Taylor and Francis.         |          | Recommended |
|                                               | Groves, M.J.                                     | Pharmaceutical Biotechnology                                                      | 2 <sup>nd</sup>  | <b>ISBN-10:</b> 0849318734<br><b>ISBN-13:</b> 978-0849318733 | USA: CRC Press                          |          | Recommended |

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|------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|------------------------------------------------|-----------------------------------------------------------------|-------|-------------|
| <b>Pharmacology and Drug Information (PHA1004)</b>               | Richard A. Harvey, Michelle A. Clark, Richard Finkel , Jose A. Rey, Karen Whalen | Lippincott's Illustrated Reviews Pharmacology                                         | 5 <sup>th</sup> | 978-1-4511-1314-3                              | Lippincott Williams & Wilkins                                   |       | Required    |
| <b>Pharmaceutical Technology II – Disperse Systems (PHT3004)</b> | Eds. Mansoor M. Amiji, et al.                                                    | Applied Physical Pharmacy                                                             | 3 <sup>rd</sup> | ISBN-13: 978-0071747509<br>ISBN-10: 0071747508 | New York, NY: McGraw-Hill                                       | Sem 2 | Required    |
|                                                                  | In Sinko P. J., Singh Y. (Eds.)                                                  | Martin's physical pharmacy and pharmaceutical sciences in the pharmaceutical sciences | 8 <sup>th</sup> | ISBN-13: 978-1609134020<br>ISBN-10: 1609134028 | Philadelphia: Wolters Kluwer and Lippincott Williams & Wilkins. |       | Recommended |
|                                                                  | Aulton, M., Taylor, K.                                                           | Aulton's Pharmaceutics: The Design and Manufacture of Medicines. (Ed).                | 4 <sup>th</sup> | ISBN-13: 978-0702070051<br>ISBN-10: 070207005X | Churchill Livingstone, London                                   |       | Recommended |
|                                                                  | Herbert A. Lieberman, Martin M. Rieger, Gilbert S. Banker                        | Pharmaceutical Dosage Forms: Disperse systems                                         | 2 <sup>nd</sup> | ISBN-13: 978-0824798420<br>ISBN-10: 0824798422 | M Dekker, New York                                              |       | Recommended |
|                                                                  | Tadros, Tharwat F. (Editor)                                                      | Emulsion Formation and Stability                                                      | 1 <sup>st</sup> | ISBN-13: 978-3527319916<br>ISBN-10: 3527319913 | John Wiley and Spns                                             |       | Recommended |
|                                                                  | Alok K. Kulshreshtha, Onkar N. Singh, G. Michael Wall                            | Pharmaceutical Suspensions: From Formulation Development to Manufacturing             | 1 <sup>st</sup> | ISBN-13: 978-1441910868<br>ISBN-10: 1441910867 | Springer                                                        |       | Recommended |

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## TEXTBOOKS REQUEST AY 2024/2025

FACULTY/DEPARTMENT/SCHOOL: College of Health Sciences, School of Pharmacy

COURSE OF STUDY: BSc. in Pharmaceutical Technology

Level: Year 3 Cont'd

| MODULE                                                                   | AUTHOR                                              | TITLE                                                                                                                                       | EDITION         | ISBN#                                          | PUBLISHER                   | SEMESTER | REMARKS     |
|--------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------|-----------------------------|----------|-------------|
| <b>Biostatistics (STA3001)</b>                                           | Gareth A. Lewis, Didier Mathieu, Roger Phan-Tan-Luu | Pharmaceutical Experimental Design                                                                                                          | 1 <sup>st</sup> | ISBN-13: 978-0824798604<br>ISBN-10: 0824798600 | Marcel Dekker, New York     | Sem 2    | Recommended |
|                                                                          | Jones, D                                            | Pharmaceutical Statistics                                                                                                                   | 1 <sup>st</sup> | ASIN: B01K0TIJC6                               | Pharm. Press                |          | Required    |
| <b>Policies and Regulation in the Pharmaceutical Industry. (PHA3025)</b> | Ministry of Health, Jamaica                         | Pharmacy Laws<br>The Food & Drugs Act, 1975<br>The Dangerous Drugs Act, 1948<br>The Pharmacy Act, 1975<br>The Precursor Chemicals Act, 2013 | ----            | -                                              | Ministry of Health, Jamaica |          | Required    |
|                                                                          | Dukes, G                                            | The Law and Ethics of the Pharmaceutical Industry                                                                                           |                 | ISBN-13: 978-0444518682<br>ISBN-10: 0444518681 | London, UK: Elsevier        |          | Recommended |

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FACULTY/DEPARTMENT/SCHOOL: College of Health Sciences, School of Pharmacy

COURSE OF STUDY: BSc. in Pharmaceutical Technology

Level 4: Year 4

| MODULE                                                                             | AUTHOR                                        | TITLE                                               | EDITION          | ISBN #                                                          | PUBLISHER                             | SEMESTER | REMARKS     |
|------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|------------------|-----------------------------------------------------------------|---------------------------------------|----------|-------------|
| <b>Pharmaceutical Technology III: Dosage Form Design and Development (PHT4000)</b> |                                               | Remington, the Science and Practice of Pharmacy     | 22nd Edition,    | ISBN-13: 978-0857110626<br>ISBN-10: 0857110624                  | Lippincott Williams,                  | Sem 1    | Recommended |
|                                                                                    | Ansel & Popovich                              | Pharmaceutical Dosage Forms & Drug Delivery Systems | 12 <sup>th</sup> | ISBN-13: 978-0781779340<br>ISBN-10: 0781779340                  | Lippincott Williams & Wilkins         |          | Recommended |
|                                                                                    | Leon Lachman, Lieberman, Kanig JL.,           | Theory and Practice of Industrial Pharmacy          | Latest           | ISBN-13: 978-0812109771<br>ISBN-10: 0812109775                  | Varghese Publishing House, Bombay     |          | Recommended |
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