

School of Pharmacy and Medical Sciences  
Bachelor of Medical Pharmaceutical Biotechnology

Second Year			
Course Code	Course Name	Book title	Approx. Price
BIOL 2014	Biochemistry N200	Berg, J.M., Tynoczko, J.L., & Stryer, L. 2007, <i>Biochemistry</i> , 6th Edn, Freeman, New York	\$145.00
BIOL 2035	Physiology N200	Sherwood, L. 2007, <i>Human Physiology: From Cells to Systems</i> , 6th Edn, Thomson	\$119.95
BIOL 2051	Microbiology N200	Madigan, M.T., Martaneko, J.M., Dunlap, P.V. & Clark, D.P. 2009 <i>Brock Biology of Microorganisms</i> , 12th Edn, Pearson Prentice Hall	\$142.00
BIOL 2049	Structure and Reactivity of Biomolecules	Brown, W.H., Foote, C.S. & Iverson, B.L. 2005, <i>Organic Chemistry</i> , 4th Edn, Thomas Brooks / Cole Branden, C.I. & Tooze, J. 1999, <i>Introduction to Protein Structure</i> , 2nd Edn, Garland Publ. Alberts et al <i>Molecular Biology of the Cell</i>	\$156.00 \$80.00 \$126.00
HLTH 2004	Bioethics 301	Veatch, R.M. 2003, <i>The Basics of Bioethics</i> , 2nd Edn, Prentice Hall, N.J.	\$43.00
BIOL 2050	Analytical Biotechnology	Siuzdak, G. <i>Mass Spectrometry for Biotechnology</i> Albert, B. <i>Molecular Biology of the Cell</i> . Free online at: <a href="http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=mboc4.TOC&amp;depth=2">http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=mboc4.TOC&amp;depth=2</a> Griffiths, A.J.F. <i>Modern Genetic Analysis</i> . Free online at: <a href="http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=mga.TOC">http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=mga.TOC</a>	
PHAR 2005	Molecular and Chemical Basis of Therapeutics 201	Watson, D.G. 2005, <i>Pharmaceutical Analysis</i> , 2nd Edn, Churchill Livingstone	\$97.00
	Previously used in Structure and Reactivity of Biomolecules	Brown, W.H., Foote, C.S. & Iverson, B.L. 2005, <i>Organic Chemistry</i> , 4th Edn, Thomas Brooks / Cole	
BIOL 2016	Introductory Biotechnology 201	Benfey, P.N. & Protopapas, A.D. 2005, <i>Essentials of Genomics</i> , Pearson Prentice Hall	\$54.00
CHEM 2017	Molecular Analysis 201	Harris, D. C. 1997, <i>Quantitative Chemical Analysis</i> , 5th Edn, Freeman. Miller, J.C. & Miller, J.N. 2000, <i>Statistics and Chemometrics for Analytical Chemistry</i> , 4th ed., Pearson Education Ltd.	\$155.00 \$70.00
CHEM 2015	Biochemical Process Design 200	Sandler, S.I. 2006, <i>Chemical, Biochemical and Engineering Thermodynamics</i> , 4th Edn, Wylie	\$165.00

\* Please note textbooks may change and be updated from year to year. Please check your Course Information Book or Course Information Page for further details.

Third Year			
Course Code	Course Name	Book title	Approx. Price
MEDI 3008	Molecular Pathogenesis 300	Salyers , A.A. & Whitt, D.D. 2001, <i>Bacterial Pathogenesis: A Molecular Approach</i> , 2nd End, American Society for Microbiology	\$45.00
BIOL 3007	Medical Biotechnology 300	No textbook required	
BIOL 3029	Cell Biology and Genetics	Refer to 'Course Information Booklet' for textbook requirements	
PHAR 3009	Pharmaceutical Biotechnology 300	No textbook required	
CHEM 2018	Molecular Analysis 300	Same textbooks as Molecular Analysis 201	
CHEM 2016	Biochemical Process Design 201	Same textbook as Biochemical Process Design 200	
CHEM 3018	Molecular Structure and Reactivity	Same textbook as Structure and Reactivity of Biomolecules	
BIOL 3024	Bioinformatics 301	No textbook required	
BIOL 3008	Medical Biotechnology 301	Refer to 'Course Information Booklet' for textbook requirements	
BIOL 3030	Commercialisation of Biotechnology	No textbook required	
PHAR 2004	Pharmaceutical Biotechnology 301	No textbook required	
BIOL 2050	Anaytical Biotechnology	Siuzdak, G. <i>Mass Spectrometry for Biotechnology</i> Albert, B. <i>Molecular Biology of the Cell</i> . Free online at: <a href="http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=mboc4.TOC&amp;depth=2">http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=mboc4.TOC&amp;depth=2</a> Griffiths, A.J.F. <i>Modern Genetic Analysis</i> . Free online at: <a href="http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=mga.TOC">http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=mga.TOC</a>	
CHEM 3016	Biochemical Process Design 301	Same textbook as Biochemical Process Design 200	
CHEM 3019	Medicinal Drug Design and Construction 301	Same textbook as Structure and Reactivity of Biomolecules	
CHEM 3015	Applications Research Project 301	No textbook required	

\* Please note textbooks may change and be updated from year to year. Please check your Course Information Book or Course Information Page for further details.