

**UNIVERSITY OF MACAU**  
**FACULTY OF HEALTH SCIENCES**  
**FIRST SEMESTER, 2024/2025**  
**TEXTBOOK & REFERENCE BOOK INFORMATION**

Course Code	Course Title	Book Title / Author(s)	Publisher	Year	ISBN	Edition	Available Bookstore	Textbook/ Reference Text
HSCI1000	General Chemistry	Chemistry The Central Science / Theodore L. Brown, H. Eugene IEmAY, Jr, et al	Pearson Education Limited	2016	9781292057712	13th (or later)	PCM	Textbook
HSCI2011	Analytical Chemistry	Quantitative Chemical Analysis / Daniel C. Harris; Charles A. Lucy	Macmillan Learning	2020	9781319164300	10th	PCM	Textbook
HSCI2011	Analytical Chemistry	Principles of Instrumental Analysis / Douglas A. Skoog, F. James Holler, Stanley R. Crouch	Cengage Learning	2017	9781305577213	7th	PCM	Textbook
HSCI3010	Pharmaceutics	Essential Pharmaceutics / Ashlee D. Brunaugh , Daniel MoragaEspinoza , Tania F. BahamondezCanas , Hugh D. C. Smyth , Robert O. Williams	Springer	2024	9783031525193 (Printed version); 9783031525209 (Ebook version)	2nd	PCM	Textbook
HSCI3010	Pharmaceutics	ADME Processes in Pharmaceutical Sciences: Dosage, Design, and Pharmacotherapy / Alan Talevi, Pablo A. Quiroga	Springer	2024	9783031504181 (Printed version); 9783031504198 (Ebook version)	3rd	PCM	Textbook
HSCI3010	Pharmaceutics	Aulton's Pharmaceutics: The Design and Manufacture of Medicines / Kevin Taylor and Michael Aulton	Elsevier	n/a	9780702081545	6th	PCM	Textbook
HSCI3010	Pharmaceutics	Martin's Physical Pharmacy and Pharmaceutical Sciences / Patrick Sinko	LWW	n/a	9781975174811	8th	PCM	Reference Text
HSCI3010	Pharmaceutics	Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems / Loyd Allen	LWW	n/a	9781975171773	12th	PCM	Reference Text
HSCI3007	Biomedical Materials	Biomaterials Science: An Introduction to Materials in Medicine / William R Wagner	Academic Press	2020	9780128161371	4th	PCM	Reference Text
HSCI4008	Introduction to Pharmacy and Pharmaceutical Analysis	Pharmacotherapy: A Pathophysiologic Approach / Joseph T. DiPiro, Gary C. Yee, Stuart T. Haines, Thomas D. Nolin, Vicki Ellingrod, L. Michael Posey	McGraw Hill	2023	9781264264544	12th	PCM	Reference Text
HSCI4008	Introduction to Pharmacy and Pharmaceutical Analysis	Introduction to Pharmaceutical Chemical Analysis / Steen Hansen, Stig PedersenBjergaard, Knut Rasmussen	Wiley	2011	9780470661215	1st	PCM	Reference Text
HSCI4008	Introduction to Pharmacy and Pharmaceutical Analysis	Rowland and Tozer's Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications / Hartmut Derendorf, Stephan Schmidt	Lippincott Williams & Wilkins	2019	9781496385048	5th	PCM	Reference Text