

**University College Cork
School of Pharmacy
Indicative Syllabus and Suggested Reading Material
for the TCQR Equivalence Exam**

The indicative syllabus of the Third Country Qualification Route (TCQR) Equivalence Examination aligns with the indicative syllabus of the *Pharmaceutical Society of Ireland (PSI) Accreditation Standards for the Five Year Master's Degree Programmes in Pharmacy* (September 2019).

Click on the link below to gain access to the document.

https://www.thepsi.ie/Libraries/Education/5Yr_Prog_Accreditation_Standards.sflb.ashx

The indicative syllabus can be found in Appendix A of the document.

In addition, candidates should be familiar with the contents of the *Pharmaceutical Society of Ireland Pharmacy Practice Overview* webpage and sections contained therein, including the *PSI Core Competency Framework (2022)*, the *PSI Code of Conduct (2019)*, pharmacy practice guidelines and legislation pertaining to the dispensing of medicines in Ireland:

http://www.thepsi.ie/gns/Pharmacy_Practice/overview.aspx

Some suggested readings are below. However, candidates may wish to use alternative reading material, online resources, etc, in preparation for the Exam.

Fundamentals of General, Organic, and Biological Chemistry, Eighth Edition (or other editions)

McMurry J, Ballantine D, Hoeger C, Peterson V, Pearson, ISBN: 978-0134015187, 2016

Medicinal Natural Products: A Biosynthetic Approach, Third Edition

Dewick PM, Wiley, ISBN: 9780470741672, 2007

Aulton's Pharmaceuticals: The Design and Manufacture of Medicines, Fifth Edition

Aulton ME, Taylor KM, Elsevier, ISBN: 978-0702070051, 2017

FASTtrack: Physical Pharmacy, Second Edition

Florence AT, Attwood D, Pharmaceutical Press, ISBN: 978-0857110640, 2012

FASTtrack: Pharmaceutical Compounding and Dispensing, Second Edition Langley C,

Belcher D, Pharmaceutical Press, ISBN: 978-0857110558, 2012

Master Medicine: Clinical Anatomy, Second Edition

Monkhouse WS, Churchill Livingstone, ISBN: 0443102902, 2007

Introduction to Pharmaceutical Calculations, Fourth Edition

Rees J et al, Pharmaceutical Press, ISBN: 978-0857111685, 2015

British National Formulary and British National Formulary for children
RPSGB & BMA, Latest Editions

Human Physiology: From Cells to Systems, Ninth Edition (or other editions)
Sherwood L, Brooks/Cole, Cengage Learning, ISBN: 978-1285866932, 2015

Rang & Dale's Pharmacology, Tenth Edition
Ritter, JM et al, Elsevier, ISBN: 978-0323873956, 2023

An introduction to Medicinal Chemistry, Seventh Edition
Patrick G, Oxford University Press, ISBN: 978-0198866664, 2023

Clinical Pharmacy and Therapeutics, Fifth Edition
Whittlesea C et al, Elsevier, ISBN: 978-0702070129, 2018

Integrated Pharmacy Case Studies, First Edition
Francis SA et al, Pharmaceutical Press, ISBN: 9780853698845, 2015

Community Pharmacy: Symptoms, Diagnosis and Treatment, Fifth Edition
Rutter P, Elsevier, ISBN: 978-0702080203, 2020

Pharmacy and Medicines Law in Ireland
Weedle P, Clarke A, Pharmaceutical Press, ISBN: 9780853698821, 2011

FASTtrack: Therapeutics
Bukhari N, Kearney D, Pharmaceutical Press, ISBN: 9780853697756, 2009

Pharmacy OSCEs – A Revision Guide
Evans BW, Kravitz L, Walker N, Lefteri, K, Pharmaceutical Press, ISBN:
9780857110435, 2013