

Recommended study literature for the Final State Examination in Master's degree programme Pharmacy

revision: 2025

PHARMACOLOGY

1. Katzung, B. G.: *Basic and Clinical Pharmacology*. McGraw-Hill Medical, 2012.
2. Harvey, R. A., Clark, M. A., Finkel, R., Rey, J. A., Whalen, K.: *Pharmacology (Lippincott's Illustrated Reviews Series)*. Lippincott Williams & Wilkins, 2011.
3. Rang, H. P., Dale, M. M., Ritter, J. M., Flower, R. D.: *Rang & Dale's Pharmacology*. Churchill Livingstone, 2012.
4. Trevor, A. J., Katzung, B. G., Masters, S., Knudering-Hall, M.: *Katzung & Trevor's Pharmacology Examination and Board Review*. McGraw-Hill Medical, 2012.

MEDICINAL CHEMISTRY

1. Wolff, M. E.: *Burger's Medicinal Chemistry and Drug Discovery, Principles and Practice*. New York, Wiley, 1994.
2. Thomas, G.: *Medicinal Chemistry: An Introduction*. Chichester, Wiley, 2007.
3. Kar, A.: *Medicinal Chemistry*. Tunbridge Wells, Anshan, 2006.
4. Ganellin, C. R.: *Analogue-based Drug Discovery*. Weinheim, Wiley-VCH Verlag, 2006.
5. Wermuth, C. G. et al.: *The Practice of Medicinal Chemistry*. 4th ed. Amsterdam, Elsevier, 2015.
6. Patrick, G. L.: *An Introduction to Medicinal Chemistry*. Oxford University Press, 2009.

PHARMACOGNOSY

1. Dewick, P. M.: *Medicinal Natural Products: A Biosynthetic Approach*. Chichester, Wiley, 2009.
2. Bruneton, J.: *Pharmacognosy, Phytochemistry, Medicinal Plants*. Intercept, 1999.
3. Evans, W. C.: *Trease and Evans Pharmacognosy*. London, Saunders, 2002.
4. Wichtl, M.: *Herbal Drugs and Phytopharmaceuticals*. CRC Press, 2004.
5. *European Pharmacopoeia: 11th Edition*. EDQM, 2022-2025 [Online].

PHARMACEUTICAL TECHNOLOGY

1. Dvořáčková, K. et al. *Medical Forms and Biopharmacy: I. Liquid and Semi-Solid Dosage Forms*. UVPS Brno, 2014.
2. Kubová, K. et al. *Medical Forms and Biopharmacy: II. Solid Dosage Forms*. UVPS Brno, 2014.
3. Aulton, M. E. (ed.). *Aulton's pharmaceuticals: the design and manufacture of medicines*. 3rd ed. Edinburgh: Churchill Livingstone, 2007.
4. Rowe, R. et al. *Handbook of Pharmaceutical Excipients*. London, The Pharmaceutical Press, 2005.
5. *European Pharmacopoeia: 11th Edition*. EDQM, 2022-2025 [Online].
6. Study materials from the course lectures and practical classes.

SOCIAL PHARMACY

1. Azzopardi, L. M. (ed.): *Lecture Notes in Pharmacy Practice*. 1st ed. Pharmaceutical Press, 2010.
2. Čeledová, L., Holčík, J. et al.: *Social Medicine: An Introduction to New Public Health*. 1st ed. Charles University – Karolinum Press, 2019.
3. Donyai, P.: *Social and Cognitive Pharmacy*. 1st ed. Pharmaceutical Press, 2012.
4. Kelly, W. N.: *Pharmacy: What It Is and How It Works*. 4th ed. CRC Press, 2018.
5. Rascati, K. L.: *Essentials of Pharmacoeconomics*. 2nd ed. Wolters Kluwer Health/Lippincott Williams & Wilkins, 2014.
6. Strom, B. L. et al.: *Pharmacoepidemiology*. 6th ed. Wile-Blackwell, 2020.
7. Waller, P., Harrison-Woolrych, M.: *An Introduction to Pharmacovigilance*. 2nd ed. John Wiley & Sons, 2010.
8. Levin, B. L. et al.: *Introduction to Public Health in Pharmacy*. 2nd ed. Oxford University Press, 2018.
9. Winfield, A., Edafiogho, I.: *Calculations for pharmaceutical practice*. 1st ed. Churchill Livingstone, 2005.
10. Winfield, A. J., Rees, J. A., Smith, I.: *Pharmaceutical Practice*. 5th ed. Churchill Livingstone, 2014.
11. *European Pharmacopoeia: 11th Edition*. EDQM, 2022-2025 [Online].
12. Lectures/seminars from *Social Pharmacy, Pharmacy Practice, Pharmaceutical Care, Pharmacy Law and Ethics*, and related subjects.
13. Web pages: e.g. www.who.int, <http://www.icd10data.com>, <https://europa.eu/european-union/eu-law/legal-acts>, <http://eur-lex.europa.eu/>, <http://www.ema.europa.eu>, <http://www.sukl.eu>