

Module Handbook

Module Name :	Pharmacy Service I
Module Level :	Bachelor
Abbreviation, if applicable :	FAI301
Sub-heading, if applicable :	
Courses included in the module, if applicable :	
Semester / term :	1 / Fourth year
Module coordinator(s) :	
Lecturer(s):	<p>Dr. Budi Suprapti, M.Si.</p> <p>Drs. Suharjono, Apt, MS.</p> <p>Drs Didik Hasmono, Apt, MS.</p> <p>Dr. Yulistiani, Apt, M.Si.</p> <p>Junaidi Khotib, SSi, Apt., MKes.,PhD.</p> <p>Bambang S.Z, S.Si, Apt, M.Clin.Pharm</p> <p>Wenny Putri N., SFarm., Apt., Sp.FRS</p> <p>Mahardian R., S.Si, Apt., MSc., PhD</p> <p>Dewi Wara Shinta, S.Farm, M.Farm-Klin., Apt.</p> <p>Dra. Aniek Setiya Budiatin, M.Si., Apt.</p> <p>Samirah, SSi,Apt., Sp.FRS.</p> <p>Drs. Sumarno, Apt., Sp.FRS.</p> <p>Dra. Toetik Aryani, Apt, M.Si.</p> <p>Zamrotul Izzah, S.Farm, Apt., MSc.</p> <p>Khoirotin Nisak, S.Farm, M.Farm, Apt.</p> <p>Pharmasinta Putri H, S.Farm., Apt.</p> <p>Chrismawan Ardianto., S.Farm., M.Sc., Ph.D., Apt</p> <p>Mareta Rindang A, S.Farm., Apt.</p> <p>Arina Dery Puspitasari, S.Farm., M.Farm.Klin., Apt.</p> <p>Dinda Monika Nusantara Ratri, S.Farm., M.Farm.Klin., Apt</p>
Language :	Bahasa Indonesia
Classification within the curriculum :	Compulsory Course / Elective Studies
Teaching format / class hours per week during the semester :	100 minutes lectures, 13 lecture classes/semester
Workload	Total 22 hours in a semester
Credit Points :	1
Requirements :	Pharmacology and Toxicology I (FAT301), Pharmacology and Toxicology II (FAT302), Practical Work of Pharmacology and Toxicology II (FAT309), Pharmacokinetics (FAK401), Practical Work of Pharmacokinetics (FAK402), Biopharmaceutical (FAF 301)
Learning goals/competencies :	<p>Knowledge</p> <ul style="list-style-type: none"> – To understand actively in obtaining some information about pharmaceutical care. – To be able do the analysis, synthesis and evaluation in solving problems. <p>Skills</p> <ul style="list-style-type: none"> – Discipline / Attendance, teamwork, and

	communication.
	<p>Competence</p> <ul style="list-style-type: none"> - To understand and be able to explain about etiology – pathogenesis – pathophysiology of dyslipidemia and its complications. - To be able to manage drug therapy. - To be able to give education about medicine to the patients of dislipidemia.
Content :	Definition of hepatic cirrhosis and etiology – pathophysiology, complications of the disease, clinical symptoms, diagnosis, non-pharmacological therapy, pharmacological therapy, treatment algorithm and pharmaceutical care.
Study/exam achievements :	<p>Student are considered to be competent and pass if at least get 50% of maximum mark of the exams based learning.</p> <p>Final score is calculated as follow : 50% Exam I + 50% Exam II</p> <p>Final index is defined as follow : A : ≥ 75 AB : 70 – 74,9 B : 65 – 69,9 BC : 60 – 64,9 C : 55 – 59,9 D : 40 – 54,9 E : <40</p>
Forms of Media :	LCD, white board, and Internet
Literature :	<ol style="list-style-type: none"> 1. Ganong WF, 2012, <i>Review of Medical Physiology</i>, 18 ed., Prentice Hall International, Inc., USA 2. McPhee et al., 2009, <i>Pathophysiology of Disease. An Introduction to Clinical Medicine</i>, 1st edition, Appleton & Lange, Stamford, USA 3. Neal MJ., 2011, <i>Medical Pharmacology at Glance</i>, 4th ed, Blackwell Publishing Comp, Oxford UK. 4. Walmsley RN, Watkinson LR, Cain HJ., 1999, <i>Cases in Chemical Pathology a Diagnostic Approach</i>, 4th ed, World Scientific, USA 5. Dipro JT et al., 2017, <i>Pharmacotherapy, A Pathophysiologic Approach</i>, 10th ed, McGraw Hill Companies Inc., USA 6. British Medical Association and Royal Pharmaceutical Society of Great Britain, 2012, <i>British National Formulary</i>, 63 ed, Pharmaceutical Press, Wallingford, UK 7. Pagana, KD & Pagana TJ. 2013. <i>Mosby's Manual of Diagnostic and Laboratory Test</i>. 2nd ed. Missouri: Mosby, Inc.
Notes	The course is an active learning method. Thus, the

	lecturer(s) are as a facilitator who guide the students in small groups by interactive learning activities independently.
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