

Module Handbook

Module Name :	Clinical Pharmacy
Module Level :	Bachelor
Abbreviation, if applicable :	FAM401
Sub-heading, if applicable :	
Courses included in the module, if applicable :	
Semester / term :	2 / Fourth year
Module coordinator(s) :	Prof. Dr. Fasich, Apt.
Lecturer(s) :	Prof. Dr. Fasich, Apt.
	Yunita Nita S.Si.,MPharm., Apt.
	I Nyoman Wijaya, SSi, SpFRS, Apt.
	Dra. Liza Pristiany MSi., MM., Apt.
	Yuni Priyandani, SSi, SpFRS, Apt.
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 a semester
Cedit Points :	2
Requirements :	Pharmacology and Toxicology I (FAT301), Pharmacology and Toxicology II (FAT302), Practical Work of Pharmacology and Toxicology II (FAT309)
Learning goals/competencies :	<p>Knowledge</p> <ul style="list-style-type: none"> - To be able to understand and explain the definition and history of clinical pharmacy. <p>Skills</p> <ul style="list-style-type: none"> - Honesty, discipline, teamwork. <p>Competence</p> <ul style="list-style-type: none"> - To be able to understand the role of pharmacists in clinical pharmaceutical care. - To be able to resolve drug related problems in clinical pharmaceutical care.
Content :	The topic of lectures which is includes the definition and history of clinical pharmacy; clinical pharmacy and pharmaceutical care; pharmacy records; side effects of medication; drug interactions; interpretation of laboratory data; monitoring of drug use; medication error; clinical pharmacy practice in Indonesia
Study/exam achievements :	<p>Student are considered to be competent and pass if at least get 45% of maximum mark of the exams based learning and based on assessment tasks.</p> <p>Final score (NA) is calculated as follow : 45% Exam I + 45% Exam II + Tasks 10%</p> <p>Final index is defined as follow : A : 100 > NA > 75</p>

	<p>AB : 75 > NA > 70 B : 70 > NA > 65 BC : 65 > NA > 60 C : 60 > NA > 55 D : 55 > NA > 50 E : 50 < NA</p>
Forms of Media :	OHP, Power Point, Video, LCD Projector.
Literature :	<ol style="list-style-type: none"> 1. Basic Skills in Clinical Pharmacy Practice 1983 ASHP North Carolina: Health Sciences Consortium Inc. 2. Clinical Pharmacy: A Practical Approach. 2002 Hughes, J. 2nd edition; p. 1-7. 3. Clinical Pharmacy and Therapeutics 1999 Walker R, Edwards C. 2nd edition. Edinburgh: Churchill Livingstone; p.33-45. 4. Avery's Drug Treatment. 1997 Speight TM, Holford NHG 4th edition. Auckland: Adis International; p.261-338. 5. Pharmaceutical Practice. 1990 Collett DM, Aulton ME. Churchill Livingstone; p.339-372. 6. Medication Errors. 1999 Cohen MR. APhA. 7. Drug Information a Guide for Pharmacist. 1996 Malone PM, Mosdell KW, Kier KL, Stanovich JE. 2nd edition. McGraw Hill. 8. Drug Interactions. Stockley, I.V. Fifth Edition, Pharmaceutical Press, Nottingham, UK. Drug Interactions, analysis and management. Hansten, P.D Lea & Febiger, Philadelphia. 9. Patient Medication Records. In: Pharmaceutical Practice. 1998 Winfield AJ, Richards RME (Editors). 2nd Edition.. Toronto: Churchill Livingstone. p 433-7.
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