

Module Handbook

Module Name:	Pharmacology - Toxicology II
Module Level:	Bachelor
Abbreviation, if applicable:	Lecture FAT309 Practical Work FAT302
Sub-heading, if applicable:	
Courses included in the module, if applicable:	
Semester/term:	2 / Third year
Module coordinator(s):	Yuani Setiawati, dr., M.Ked.
Lecturer(s):	Yuani Setiawati, dr., M.Ked. Danti Nur Indiasuti, dr., M.Ked. Prof. Dr. Achmad Basori, MS Ramadhani RB, dr., M.Kes Maftuchah Rochmanti, dr., M.Kes. Sri Purwaningsih, dr., MKes Nurina Hasanatuludhiyah, dr., M.Si.
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course/ Elective Studies
Teaching format/class hours per week during the semester:	Lecture 50 minutes lectures, 13 lecture classes/semester Practical Work 100 minutes practical work classes, 13 practical work classes /semester
Workload:	Lecture Total 11 hours a semester Practical Work Total 22 hours a semester
Credit Points:	Lecture 1 Practical Work 2
Requirements:	
Learning goal/competencies:	<p>Knowledge</p> <ul style="list-style-type: none"> - To understand the concept of pharmacology and toxicology II. <p>Skills</p> <ul style="list-style-type: none"> - Dicipilin and teamwork. <p>Competence</p> <ul style="list-style-type: none"> - To understand and able to apply how drug action in human body (systemic, cell, and molecular). - To understand and able to apply the concept of site effect of drug regarding to experimental animal and human body. - To understand and able to apply the concept of toxicity of drug regarding to experimental animal and human body.

Content:	Lecture Pharmacology of the central nervous system, the endocrine system, smooth muscle, the peripheral nervous system, and antimicrobial chemotherapy and hematopoiesis system.
	Practical Work Activity test of drug: antibiotic, anti hypertension, anti asthma, anti inflammation, anti diabetic.
Study/exam achievements:	Lecture Student are considered to be competent and pass if at least get 50% of maximum mark of the exams based learning. Final score is calculated as follow : 50% Exam I + 50% Exam II 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
	Practical Work Student are considered to be competent and pass if at least get 50% of maximum mark of the exams based learning. Final score (NA) is calculated as follow : 50% Exam I + 50% Exam II Final index is defined as follow : A : $100 > NA > 75$ AB : $75 > NA > 70$ B : $70 > NA > 65$ BC : $65 > NA > 60$ C : $60 > NA > 55$ D : $55 > NA > 50$ E : $50 < NA$
Forms of Media:	OHP and LCD projector
Literature:	1. Gilman AG., Rall TW, Nies AS and Taylor P., Eds, 1991., <i>Goodman and Gilman The Pharmacological basic of Therapeutics</i> , 8 th edistion, pergamon press, New York
	2. Katzung B.G.,1993, <i>Basic nad Clinical Pharmacology</i> , 5 th edition
	3. Ganiswara S.G., et al, 1995, <i>Farmakologi dan terapi</i> , edisi 4, Gaya baru, Jakarta
Notes:	