

Module Handbook

Module Name:	Research Methodology on Pharmacy Practice
Module Level:	Bachelor
Abbreviation, if applicable:	PNF301
Sub-heading, if applicable:	
Courses included in the module, if applicable:	
Semester/term:	1 / Fourth year
Module coordinator(s):	Dr. Umi Athiyah,MS.,Apt.
Lecturer(s):	Dr. Umi Athiyah,MS.,Apt. Dr. Yunita Nita S.Si.,MPharm., Apt. Dr. Liza Pristiany MSi., MM., Apt. Arie Sulistyarini, SSi, MPharm, Apt. Azza Fathurrohmah, SSi, MSi, Apt. Gesnita Nugraheni, SFarm, MSc, 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
Credit Points:	2
Requirements:	Students must have taken Research Methodology (PNF497) course.
Learning goal/competencies:	Knowledge – To understand the concept of research methodology. Skills – Honesty, discipline, and teamwork. Competence – To understand and able to make research methods in Pharmacy Practice field.
Content:	Methods and design of research (title, hypothesis, concept, definition of population and sample, response, instruments, validity and reliability, data collecting, scaling and scoring, application of SPSS and making research method)
Study/exam achievements:	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 : 40% Exam I + 40% Exam II + 20% Assignment and Presentation 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
Forms of Media:	LCD projector, whiteboard, power point, video.
Literature:	1. Basic Skills in Clinical Pharmacy Practice1983 ASHP

	North Carolina: Health Sciences Consortium Inc
	2. Clinical Pharmacy: A Practical Approach. 2002 Hughes, J. 2 nd edition.. p. 1-7
	3. Clinical Pharmacy and Therapeutics 1999 Walker R, Edwards C. 2 nd edition. Edinburgh: Churchill Livingstone; p.33-45
	4. Avery's Drug Treatment. 1997 Speight TM, Holford NHG 4 th 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. 2 nd 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). 2 nd Edition.. Toronto: Churchill Livingstone. p 433-7
Notes:	