

## COMPETENCE AND GOAL OF LEARNING

FACULTY: PHARMACY

UNIVERSITY OF AHMAD DAHLAN

### ATTITUDE

- a. Devoutness to The One God and to express the attitude that is based on Muhammadiyah values.
- b. Having morality, ethics, and manner based on Islam in accomplishing the work.
- c. Enrolling as the citizen who is proud of his or her motherland.
- d. Enable to cooperate with others and having the social empathy and high conciousness to public and the sorroundings.
- e. Appreciate the cultural, point of view and religion diversity and the opinion/invention of others.
- f. Uphold the law and have the spirit to give priority to nation and public.
- g. Internalize the value, norm, and ethics academically and professionally.
- h. Show the commitment to his/her work as the student of pharmacy.
- i. Express the persistence of independence and entrepreneurship.

### Knowledge

#### UNDERGRADUATE PROGRAM OF PHARMACY

- a. Master the innovation of drugs, the materials in the form of both synthetic and natural resources.
- b. To be competent in production concept and the formulation supply of drugs in the form of synthetic and natural resources based Good Manufacturing Process (GMP)
- c. To be able to know the brug material analysis, drug supply, food-beverages, cosmetics, and the inner-human body chemical compound.
- d. To master the management concept and the service of pharmaceutical community.
- e. To master the pharmacotherpahy concept includes patophysiology, etyology, risk factor and the carrying out of therapy.
- f. To be able to apply the concept of communication, information and education in the service of pharmaceutical matters.

## GENERAL SKILLS

### UNDERGRADUATE PROGRAM

- a. Enable to apply the logical, critical, systematic and innovative thinking in the development and implementation of knowledge and technology of pharmacy.
- b. Enable to analyze the implication or implementation of knowledge and technology of pharmacy based on the convention, procedures, and ethics scientifically with the result to solutions and/or ideas on the pharmaceutical problems.
- c. Enable to make right decision in problem solving in the pharmacy based on the result of analysis, information and data,
- d. Enable to have responsibility of the work achievement in groups, supervise and evaluate to the work given to the subordinates.
- e. Enable to commit the responsible work according to pharmaceutical regulation, norm, and ethics.
- f. To have foreign language fluency and information technology.

## SPECIFIC SKILLS

### UNDERGRADUATE PROGRAM

- a. To have the skill of the innovation and development of drugs consisting of the seeking and modification of drugs, pharmacology and clinical test from synthetic and/or natural resources materials.
- b. To have the skill of planning, producing, quality control and distribution of drugs supply from the synthetic and/or natural resources materials.
- c. To have skill in drug material analysis, drug supply, food-beverages, cosmetics and inner-human body chemical compound.
- d. Enable to make the service based on valid procedures to guarantee the security and effectivity consumption.
- e. Enable to seek, evaluate, prepare and provide the information of drugs, medication, and the use of drugs rationally.
- f. To have the skill in pharmaceutical work (management and service of pharmaceutical community)
- g. Enable to apply and run the pharmacology based on Islamic morality and profession ethics.
- h. Enable to communicate, adapt in the new surroundings and develop the inter personal relationship.
- i. Enable to run and share the value of Muhammadiyah in public.

j. To have the skill to analyze, conclude, and present the scientific information of pharmacology.