

## Module 21 : Clinical Internship in Intensive Care (3.4 ECTS/2 CSU)

<b>Clinical Internship in Intensive Care</b>	
Code/ Status	: MFK 639/Elective
Module level	: Master
Semester	: 2
Module Coordinators/ Lecturers	: Dr. Tri Murti Andayani, Sp.FRS. Apt. Endang Budiarti, M. Pharm., Apt. Dr. Widyati M.Clin, Pharm., Apt. Ridlo Pahlavi, M.Farm.Klin, Apt.
Language	: Indonesian
The format/class hours per week during the semester	: Practice based Learning, 25 hours weekly and 4 weeks during the semester
workload	: 100 hours of internship during the semester
Credit points	: 3.4 ECTS/2 CSU
Requirements	: Students have passed all compulsory courses, elective courses and the case study of clinical pharmacy course. Especially for Clinical Internship in overseas hospital, a TOEFL of 500 is required to ensure mastery of English.
Learning goals/ Course Outcomes	: Students are able to reconcile patient medication, identify drug-related problems, recommend the appropriate drug-related problem solving, carry out the appropriate therapeutic monitoring, provide medication counselling to patients and their family, show professional attitudes and capability to communicate with other health professionals and patients to deliver suggestion concerning drug therapy.
Content	: This Clinical Internship will apply the theory on pathophysiology of diseases and pharmacotherapy principles in Intensive Care Unit
Study/exam achievements	: A-E, 50% presentation, 40% exam, 10% attitude
Forms of media	: Internship
Literature	: 1.) Brown, J., Illingworth, W., and Munro, C., 2008. Oxford American Handbook of Emergency Medicine, Oxford University Press 2.) Deutschman, C.S., and Neligan, P.J., 2010, Evidence-based Practice of Critical Care, Elsevier Health Sciences. 3.) Papadopoulos, J., 2014. Pocket Guide to Critical Care Pharmacotherapy. Springer New York. 4.) Ministry of Health, 2013, Critical Care Pharmacy Handbook, Perpustakaan Negara Malaysia. 5.) Charles, F. and Lacy, 2017. Drugs Information Handbook, 26 Edition, Lexi-comp drug reference handbook, USA. 6.) DiPiro, J.T., ; Talbert, R.L., Yee, G.C., Matzke, G.R., Wells, B.G., 2017. Pharmacotherapy: A Pathophysiologic Approach, Tenth Edition. Mc Graw Hill. New York 7.) Drugs.com, medscape, lexicomp