Module Handbook

Module Name:	Organic Chemistry II
Module Level:	Bachelor
Abbreviation, if applicable:	KIO203
Sub-heading, if applicable:	
Courses included in the module, if applicable:	
Semester/term:	1 / Second year
Module coordinator(s):	Prof. Dr. H. Achmad Syahrani, Apt., MS.
Lecturer(s):	Prof. Dr. H. Achmad Syahrani, Apt., MS.
	Prof. Dr. Tutuk Budiati, Apt., MS.
	Drs. Hadi Poerwono, Apt., MSc., PhD
	Drs. Marcellino Rudyanto, Apt., MSi., PhD.
	Dr. Juni Ekowati, Apt., MSi.
	Dra. Suzana, Apt., MSi.
	Kholis Amalia Novianti, SFarm., Apt., MSc.
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course/~~Elective Studies~~
Teaching format/class hours per week during the semester:	150 minutes lectures, 14 lecture classes/semester
Workload:	Total 35 hours a semester
Credit Points:	3
Requirements:	Organic Chemistry I
Learning goal/competencies:	Knowledge – To understand the basic concepts of organic chemistry which important as basis for studying pharmaceutical sciences.
	Skills – Critical thinking, communications, discipline, honesty, respect to others.
	Competence – To have an ability to explain and apply the concepts of organic chemistry, and use it as a support to study the more advanced subjects.
Content:	Carboxylic acids and its derivatives, nitrogen-containing organic molecules (amines), carbohydrates, amino acids and proteins, lipids, nucleic acids, pigments, basics of spectroscopy (UV-VIS, IR, NMR and mass spectroscopies).
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 : 45% Exam I + 55% 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
Forms of Media:	LCD projectors, board and handouts
Literature:	1. Fryhle, C. B.; Snyder, S.A.; Solomons, T. W. G.; (2016) ***Organic Chemistry***, 12th Ed., Wiley: New York.
	2. McMurry, J. (2016) ***Organic Chemistry***, 9th Ed., Cengeage Learning: Boston.
Notes:	