BIOANALYSIS

Module designation	Bioanalysis	
Semester(s) in which the	1	
module is taught		
Person responsible for the	1. Prof. Dr. rer. Nat. M. Yuwono, MS., Apt (Course	
module	Coordinator)	
	2. Prof. Dr. apt. Djoko Agus Purwanto, M.Si	
	3. Dr. apt. Riesta Primaharinastiti, M.Si.	
Language	Bahasa Indonesia	
Relation to curriculum	Compulsory / elective / specialisation	
Teaching methods	lecture, discussion, assignment	
Workload (incl. contact	(Estimated) Total workload:	
hours, self-study hours)	Contact hours (structured activities.): 90,67 hours	
, , , , , , , , , , , , , , , , , , ,	Private study including independent learning activites: 90,67	
	hours	
Credit points	2 SCU / 6 ECTS	
Required and recommended	NA	
prerequisites for joining the		
module		

Reading list	1.	Ederveen J; 2010; Apratical Approach to Biological
-		Assay Validation; Progress, Project Management &
		Engineering, Netherlands
	2.	Hilman RS, Ault KA, Rinder HM; 2005; Hematology in
		Clinical Practice : A giude to Diagnosis and
		Management; Edisi ke-4; Mc. Graw-Hill Professional;
		ISBN 0071440356
	3.	Anonim; 2012; Sel darah merah; Wikipedia; diakses
	-	12Maret 2012.
	4.	Anonim; 2008;Compotition in urine; http://www.ivy-
		rose.co.uk/Topic/ Urinary
		_System_Compotition_Urine.htm; 1 Juli 2009.
	5.	
		clinical and pharmaceutical analysis; Trends in
		Analytical Chemistry; 22; 4; 232-244.
	6.	
		Quantification of ropivacaine andits major metabolites
		in human urine samples itilizing microextraction in a
		packed syringe automated liquid chromatography-
		tandem mass spectrometry (MEPS-LC-MS/MS);
		Journal of Separation Science; 29; 11; 1658-1661
	7.	
		(EIA)/Enzyme-Linked Immunosorbent Assay (ELISA)";
		Clinical Chemistry 51 (12) : 2415-2418