MODULE HANDBOOK

Module name		Practicum of Applied Regression Analysis		
Module level, if applicable		Bachelor's degree		
Code, if applicable		SST-307		
Semester(s) in which the module is taught		3rd (Third)		
Person responsible for the module		Dina Tri Utari, S.Si.,M.Si		
Lecturer		Muhammad Hasan Sidiq K, S.Si., M.Sc. Mujiati Dwi Kartikasari, S.Si., M.Sc.		
Language		Bahasa Indonesia		
Relation to curriculum		Compulsory course in the second year (3rd semester) Bachelor Degree		
Types of teaching and learning	Class size	Attendance time (hours per week per semester)	Form of active participation	Workload (hours per semester)
Lab work	25-30	0.83	Problem solving	Face to face teaching · 13.33 Structured activities · 27 Exam · 5
Total workload		45.33 hours		
Credit points		1 CU / 1.7 ECTS		
Requirements according to the examination regulations		Minimum attendance at lectures is 75%. Final score is evaluated based on pre-test, assignment, and practicum final exam.		
Recommended prerequisites		Students have taken or are currently Applied Regression Analysis course (SST-305)		
Related course		Applied Regression Analysis (SST-305)		
Module objectives/intended learning outcomes		After completing this course, the students have ability to: CO 1. make descriptive statistics and apply the concept of regression models. CO 2. describe the estimation (estimate) of the regression model parameters. CO 3. organize data for regression analysis problems with SPSS and R software. CO 4. draw conclusions for regression analysis problems based on the results of the SPSS and R software. CO 5. document data in the SPSS and R software. CO 6. reuse data that has been documented in the SPSS and R software.		
Content		1. Descriptive Statistics 2. Simple linear regression model and assumption test 3. Multiple linear regression model and assumption test 4. Nonlinear regression model 5. Dummy regression model 6. Logistic regression model 7. Robust Regression 8. Survival Regression		

Study and examination requirements and forms of examination

The final mark will be weighted as follows:

No	Assessment components	Assessment types	Weight (percentage)
1	CO 1	Assignment.	20%
2	CO 2	Assignment, Midterm Exam	20%
3	CO 3	Assignment, Midterm Exam.	10%

	4	CO 4	Assignment.			20%						
	5	CO 5	Assignment, Final Exam.			15%						
	6	CO 6	Assignment, Final Exam.			15%						
Media employed	White-board, Laptop, LCD Projector											
Reading list	Practicum Module of Applied Regression Analysis											

Mapping CO, PLO, and ASIIN's SSC

ASIIN		PLO											
		E	**N**	**T**	**H**	**U**	**S**	**I**	**A**	**S**	**T**	**I**	**C**
Knowledge	a												
	b												
	c												
	d												
Ability	e												
	f												
Competency	g												
	h												
	i												
	j									CO1 CO2 CO3 CO4 CO5			
	k									CO6			
	l												