Description of Course Unit

Course unit title	Categorical Data Modelling
Course unit code	VS191502
Type of course unit (compulsory, optional)	compulsory
Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)	First cycle Bachelor
Year of study when the course unit is delivered (if applicable)	
Semester/trimester when the course unit is delivered	5
Number of ECTS credits allocated	4,8
Name of lecturer(s)	Sri Pingit Wulandari and Iis Dewi Ratih
Learning outcomes of the course unit	- Students are able to understand the meaning, use and basic concepts of categorical data modeling and understand the differences between the use of categorical data modeling and quantitative data modeling - Students are able to make and analyze 2 and 3 dimensional contingency tables from sample data through software properly and correctly - Students are able to make and analyze binary logistic regression models through software properly and correctly - Students are able to make and analyze multinomial logistic regression models through software properly and correctly - Students are able to make and analyze Ordinal logistic regression models through software properly and correctly
Mode of delivery (face-to-face, distance learning)	Face to face
Prerequisites and co-requisites (if applicable)	Regression
Course content	1. The basic concept of categorical data 2. Multiple association measures 3. Contingency table 4. Binary logistic regression 5. Multinomial logistic regression 6. Ordinal logistic regression
Recommended or required reading and other learning resources/tools	Agresti, A. "An Introduction to Categorical Data Analysis". John Wiley & Son's, Inc., Hoboken, New Jersey. 2007
Planned learning activities and teaching methods	Problem Based Learning, Blended Learning
Language of instruction	Indonesian Language
Assessment methods and criteria	Assignment, Quiz, Practice, Midterm Exam and Final Exam.