

### Description of Course Unit

Course unit title	Nonparametric Statistics
Course unit code	VS191402
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	4
Number of ECTS credits allocated	4,8
Name of lecturer(s)	Destri Susilaningrum, Dwi Endah Kusriani, Mukti Ratna D.
Learning outcomes of the course unit	<p>Students are able to :</p> <ul style="list-style-type: none"> <li>- Explain The concept of Parametric &amp; Nonparametric Statistics in general</li> <li>- Explain and Apply randomness test and one sample test</li> <li>- Explain and Apply Two sample Independent test with some cases and interpreted it</li> <li>- Explain and Apply Two sample Dependent test with some cases and interpreted it</li> <li>- Explain and Apply the Chi Square two Sample test of Independency and Homogeneity with some cases and interpreted it</li> <li>- Explain and Apply K Sample Independent test with some cases and interpreted it</li> <li>- Explain and Apply K Sample Dependent test with some cases and interpreted it</li> <li>- Explain and Apply Goodness-of-Fit Tests with some cases and interpreted it</li> <li>- Explain and Apply Rank Correlation with some cases and interpreted it</li> </ul>
Mode of delivery (face-to-face, distance learning)	Face to face
Prerequisites and co-requisites (if applicable)	-
Course content	<ol style="list-style-type: none"> <li>1. The One Sample Test</li> <li>2. The Two Sample Test ( Independent &amp; Dpendent)</li> <li>3. The Chi Square two Sample test</li> <li>4. The K Sample Test ( Independent &amp; Dpendent)</li> <li>5. The Goodness-of-Fit Tests</li> <li>6. The Rank Correlation</li> </ol>
Recommended or required reading and other learning resources/tools	<ol style="list-style-type: none"> <li>1. Daniel, Wayne W.; Alex Tri Kantjono Widodo, (Alih bahasa)., <i>"Statistika Non Parametrik"</i>, Penerbit PT. Gramedia, Jakarta 1989</li> <li>2. Siegel, S., <i>"Statistik Non Parametrik Untuk Ilmu-ilmu Sosial"</i>, Gramedia, Jakarta, 1992</li> <li>3. Conover W. J., <i>Practical Non Parametric Statistics</i>, John Wiley &amp; Sons Inc., New York, 1982.</li> </ol>

	4. Susilaningrum. D. dan Mutiah Salamah “Modul praktikum Statistika Non Parametrik”, 2011
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.

