DESCRIPTIONS	
▪ **Module Name**	Descriptive statistics
▪ **Module Level**	Bachelor
▪ **Code**	GEO1.62.3012
▪ **Subheading**	-
▪ **Classes**	2017
▪ **Semester**	3rd
▪ **Module Coordinator**	Ahyuni, S.T.,M.Si
▪ **Lecturer**	Team: Sari Nova,S.Pd.,M.Sc
▪ **Language**	Bahasa Indonesia
▪ **Classification within the curriculum**	Compulsory course
▪ **Teaching format / class hours per week during the semester**	100 minutes lectures, 120 minutes structured activities and 120 minutes self-study per week.
▪ **Workload**	Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes self-study per week for 16 weeks
▪ **Credit points /ECTS**	**2 SKS (3,02 ECTS)**
▪ **Teaching format / class hours per week during the semester**	100 minutes lectures, 120 minutes structured activities and 120 minutes self-study per week.
▪ **Prerequisites course(s)**	-
▪ **Course outcome**	After taking this course the students have the ability to CO1: able to explain statistical principles, numerical concepts, numerical data and spatial data that are displayed in the form of tables or figures or maps CO2: able to analyze and interpret the central value and the value of data variation

<table>
<tr><td></td><td>CO3: able to analyze and interpret the central value and variation value of spatial data
CO4: capable of detecting data skewness and skewness
CO5: able to analyze the probability of an event
CO6: able to analyze and interpret parameter estimates</td></tr>
<tr><td>▪ Content</td><td>The Descriptive Statistics course details statistical principles, data types, data displays, the size of the center value, the size of variation, the size of slope and inclination, the concept of probability, and parameter estimates to be applied to geography</td></tr>
<tr><td>▪ Study / exam achievements</td><td>
<table>
<tr><th>No</th><th></th><th>Assessment Object</th><th>Assessment Technique</th><th>Weig</th></tr>
<tr><td>1</td><td>CO1-CO6</td><td>a. Individual Assignment
b. Quiz
c. Mid-Term Examination
d. Final Examination</td><td>Written Test</td><td>15%
10%
30%
40%</td></tr>
<tr><td>2</td><td></td><td>Activities</td><td>observation</td><td>5 %</td></tr>
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</td></tr>
<tr><td>▪ Forms of media</td><td>Power Point, Video, Gambar, Board, LCD Projector, Laptop/Computer</td></tr>
<tr><td>▪ Literature</td><td>
1. Burt ,James E., Gerald M.Barber.,David L. Rigby, Elementary Statistics for Geographer, third Edition, The Guilford Press, NY
2. Nigel Walford, 2011, Practical Statistics for Geographer and Earth Scientists , Wiley Blackwell, UK
3. Supramono.,Sugiarto, 1993, Statistika, Andi Offset, Yogyakarta
4. Williams, R.B.G. 1986. Introduction to Statistics for Geographers and Earth Scientists. Macmillan. London
5. Kaur, P., Stoltzfus, J., & Yellapu, V. (2018). Descriptive statistics. International Journal of Academic Medicine, 4(1), 60.
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6. Nick, T. G. (2007). Descriptive statistics. *Topics in biostatistics*, 33-52.
7. George, D., & Mallery, P. (2018). Descriptive statistics. In *IBM SPSS Statistics 25 Step by Step* (pp. 126-134). Routledge.
8. Bickel, P. J., & Lehmann, E. L. (2012). Descriptive statistics for nonparametric models I. Introduction. In *Selected Works of EL Lehmann* (pp. 465-471). Springer, Boston, MA.
9. Sarka, D. (2021). Descriptive statistics. In *Advanced Analytics with Transact-SQL* (pp. 3-29). Apress, Berkeley, CA.
10. Mishra, P., Pandey, C. M., Singh, U., Gupta, A., Sahu, C., & Keshri, A. (2019). Descriptive statistics and normality tests for statistical data. *Annals of cardiac anaesthesia*, *22*(1), 67.

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8
CO1	✓			✓		✓		
CO2	✓			✓		✓		
CO3	✓			✓		✓		
CO4	✓			✓		✓		
CO5	✓			✓		✓		
CO6	✓			✓		✓		

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