Module Handbook

Module's Grade Undergraduate Program (S-1)/Bachelor Abbreviation /code (if any)
Abbreviation /code (if any) Subtitles (if any) Courses included in the module (if any) Semester/year 3/2 nd year Module Coordinator Nadi Suprapto, Ph.D Lecturer Prof. Dr. Budi Jatmiko Dr. Dwikoranto Nadi Suprapto, Ph.D
Subtitles (if any) Courses included in the module (if any) Semester/year $3/2^{nd}$ year Module Coordinator Nadi Suprapto, Ph.D Lecturer Prof. Dr. Budi Jatmiko Dr. Dwikoranto Nadi Suprapto, Ph.D
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Lecturer Prof. Dr. Budi Jatmiko Dr. Dwikoranto Nadi Suprapto Ph D
Dr. Dwikoranto Nadi Suprapto, Ph D
Nadi Supranto Ph D
Tadi Suprapio, Fili.
Dr. Binar Kurnia Prahani
Language used Indonesian
Classification in the curriculum Compulsory course/elective course
Learning format/number of class Per week consists of:
hours per week 3 hours face to face
(1 hour face to face = 50 minutes/hour)
independent learning for 14 weeks a total of 126 hours face to
face/semester
CU 2
Precondition course -
Learning Outcome Knowledge:
Apply knowledge in relating to physics education research
Skill:
Able to process information effectively in solving physics problems and
adapting to the situation at hand through a physics education philosophy
approach
Attitude and Social:
Demonstrate good scientific manners, critical thinking, and innovation
skills in educational, research, and professional fields
Content This statistics course has seven main parts, namely: (1) Statistical Data,
Parametric Statistics & Non-Parametric Statistics, Statistical Software; (2)
homogeneity and similarity test of two means, normality test; (3)
Difference Test (Parametric Average Statistical Test & Non Parametric
Statistics); (4) Probability, confidence interval & Estimated mean and variance: (5) Lincor and multivariable representation and
covariance: (7) Anova and Anacova
Attribute soft skill Critical thinking

Assessment of CLO/exam	Students are considered competent and pass if they get at least a minimum			
	test score of 68 (Mid and Final), and structured activities (assignments/T)			
	and participatory activities (P)			
	The final grade (NA) is calculated according to the formula:			
	NA = (2xP)+(3xT)+(2xMid)+(3xFinal)			
	10			
	Convert the 0-100 scale value to a 0-4 scale and the letters are arranged as			
	follows.			
	Alphabet	Score	Interval	
	A	4,00	$85 \leq A < 100$	
	A-	3,75	$80 \leq A - < 85$	
	B+	3,50	$75 \leq B+ < 80$	
	В	3,00	$70 \leq B < 75$	
	B-	2,75	$65 \leq B- < 70$	
	C+	2,50	$60 \leq C+ < 65$	
	С	2,00	$55 \leq C < 60$	
	D	1,00	$40 \leq D < 55$	
	E	0,00	$0 \leq E < 40$	
Media	Handbook pov	ver point slide SPPS		
Reference	1 Von Plack (2012) Ducinges Statistics John Willow & Song			
Kelelence	 Ken Diack, (2015), Dusiness Statistics, John Willey & Sons. Wijaya Tony (2010) Analisis Multivariat Danarbit Cabaya Atma 			
	2. wijaya, rony. (2010), Anansis Munivariai, reneron Callaya Allila. 3. Hair I.F. Black B. Babin B. Anderson R. F.& Tatham P. I.			
	(2006) Multivariate data analysis 6 th Edition New Jersey · Prentice			
	 Hall International, Inc B. Wijaya, Tony. (2012), Cepat Menguasai SPSS 20, Penerbit Cahaya Atma. Wijaya, Tony. (2013), SEM & PLS (Panduan Teknik statistik SEM & PLS). Penerbit Cahaya Atma. 			
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