



UNIVERSITAS GADJAH MADA

Faculty of Mathematics and Natural Sciences

Mathematics Department

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Undergraduate Program in Statistics

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MODULE HANDBOOK

Module name	Metode Survei Sampel (Survey Sampling Methods)
Module level, if applicable	Bachelor
Code, if applicable	MMS - 2481
Subtitle, if applicable	-
Courses, if applicable	Survey Sampling Methods
Semester(s) in which the module is taught	3 / second year
Person responsible for the module	Yunita Wulan Sari, S.Si., M.Sc.
Lecture(s)	Drs. Zulaela., Dipl.Med.Stats., M.Si. Yunita Wulan Sari, S.Si., M.Sc.
Language	Indonesian
Classification within the Curriculum	Compulsory course/ Elective Studies
Teaching format /classhours per week during the semester:	2 hours lecture
Workload	<ul style="list-style-type: none"> • 2 hours lecture+ 4 hours individual study, 14 weeks lecture persemester • total 84 hours a semester
Credit points	2
Requirements	MMS – 1404 (Metode Statistika I)
Module objectives/intended learning outcomes	By the end of this course, students are expected to be able to: CO-1 : Identify and explain the sampling method and the sample survey design. CO-2 : Apply the sample survey methods on real cases. CO-3 : Apply the data preparation, processing, and dissemination.
Content	Sample and population; data frame; sampling unit; sample survey design : objectives and phases, sample size; observational and experimental studies; probability sampling ; non-probability sampling; sampling instrument design; data cleaning, coding, table and chart, data processing and analysis, data dissemination.
Study and examination requirements and forms of examination	The weight of assignments will be as follows: <ul style="list-style-type: none"> i. Quiz, homework 15% ii. Mid semester exam 40% iii. Final exam 45% Grade scale: A: $85 \leq \text{score}$ A/B : $75 \leq \text{score} < 85$ B: $60 \leq \text{score} < 75$ B/C : $50 \leq \text{score} < 60$ C: $40 \leq \text{score} < 50$ D: $20 \leq \text{score} < 40$ E: $\text{score} < 20$
Media employed	Slides and LCD projectors, whiteboards
Reading List	<ol style="list-style-type: none"> 1. Warwick, W.P. and Lininger, C.A., 1975, The Sample Survey : Theory and Practice, McGraw-Hill, Inc., New York. 2. Buckingham, A. and Saunders, P., 2004, The Survey Methods Workbook,

	<p>Oddisey Press Inc., New Hampshire.</p> <p>3. Scheaffer, R.L., Mendenhall, W., and Ott Lyman, 1990, Elementary Survey Sampling 4th Ed, PWS-Kent Publishing Company, Boston.</p> <p>4. Fellegi, I.P., 2003, Survey Methods and Practices, National Library of Canada Cataloguing in Publication Data</p>
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CO and PLO mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7
CO 1		x					
CO 2				x			
CO 3					x		