



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 / class hours per week during the semester:	2 hours lecture
Workload	— 2 hours lecture + 4 hours individual study, 14 weeks lecture per semester — 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: i. Quiz, homework 25% ii. Mid semester exam 35% iii. Final exam 40%

	Grade scale: A: $85 < \text{score} \leq 100$ A-: $80 < \text{score} \leq 85$ A/B: $75 < \text{score} \leq 80$ B+: $70 < \text{score} \leq 75$ B: $65 < \text{score} \leq 70$ B-: $60 < \text{score} \leq 65$ B/C: $55 < \text{score} \leq 60$ C+: $50 < \text{score} \leq 55$ C: $45 < \text{score} \leq 50$ C-: $40 < \text{score} \leq 45$ C/D: $35 < \text{score} \leq 40$ D+: $30 < \text{score} \leq 35$ D: $20 < \text{score} \leq 30$ E: $0 \leq \text{score} \leq 20$
Media employed	Slides and LCD projectors, whiteboards
Reading List	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, Oddisey Press Inc., New Hampsire. 3. Scheaffer, R.L., Mendenhall, W., and Ott Lyman, 1990, Elementary Survey Sampling 4th Ed, PWS-Kent Publishing Company, Boston. 4. Fellegi, I.P., 2003, Survey Methods and Practices, National Library of Canada Cataloguing in Publication Data

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		