

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	Pengantar Teori Sampling (Elementary Sampling Theory)						
Module level, if applicable	Bachelor						
Code, if applicable	MMS-2485						
Subtitle, if applicable	-						
Courses, if applicable	Pengantar Teori Sampling (Elementary Sampling Theory)						
Semester(s) in which the module is taught	4 / second year						
Person responsible for the module	Zulaela, Drs., Dipl.Med.Stats., M.Si.						
Lecture(s)	Zulaela, Drs., Dipl.Med.Stats., M.Si. and Yunita Wulan Sari, S.Si., M.Sc.						
Language	Bahasa Indonesia						
Classification within the Curriculum	Compulsory course						
Teaching format /class hours 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 per semester, • total 112 hours a semester 						
Credit points	2						
Requirements	MMS-2481 Metode Survei Sampel (Elementary Survey Sampling)						
Module objectives/intended learning outcomes	After completing this course, the students should be able to: CO 1. Estimate population parameters. CO 2. Select a correct sampling technique.						
Content	The teaching materials consist of concept for probability sampling, estimation of a population mean, total and proportion for various sampling technique.						
Study and examination requirements and forms of examination	The weight of assignments will be as follows: <table style="margin-left: 20px;"> <tr> <td>1. Quiz, home work</td> <td>25%</td> </tr> <tr> <td>2. Mid semester exam</td> <td>35%</td> </tr> <tr> <td>3. Final exam</td> <td>40%</td> </tr> </table> Grade scale: <ul style="list-style-type: none"> ➤ A 85 ≤ score ≤ 100 ➤ A/B 75 ≤ score < 85 ➤ B 60 ≤ score < 75 ➤ B/C 50 ≤ score < 60 ➤ C 40 ≤ score < 50 ➤ D 20 ≤ score < 40 ➤ E score < 20 	1. Quiz, home work	25%	2. Mid semester exam	35%	3. Final exam	40%
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2. Mid semester exam	35%						
3. Final exam	40%						
Media employed	Computer and LCD projectors, whiteboards						
Reading List	<ol style="list-style-type: none"> 1. Sardjono, 2011. <i>Diklat Kuliab Metode Survei Sampel</i>. FMIPA UGM, Yogyakarta. 2. Scheaffer, R.L., Mendenhall, W. & Ott L. 1996. <i>Elementary Survey Sampling</i>. Fifth Edition. Wadsworth Publishing Company, USA. 						

CO and PLO mapping

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