

MODULE HANDBOOK

INTRODUCTION TO STATISTICAL CLIMATOLOGY



**STATISTICS UNDERGRADUATE PROGRAM
DEPARTMENT OF STATISTICS
FACULTY OF SCIENCE AND DATA ANALYTICS
INSTITUT TEKNOLOGI SEPULUH NOPEMBER
SURABAYA**

ENDORSEMENT PAGE



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INTRODUCTION TO STATISTICAL CLIMATOLOGY
STATISTICS UNDERGRADUATE PROGRAM
DEPARTMENT OF STATISTICS
INSTITUT TEKNOLOGI SEPULUH NOPEMBER

Proses <i>Process</i>	Penanggung Jawab <i>Person in Charge</i>			Tanggal <i>Date</i>
	Nama <i>Name</i>	Jabatan <i>Position</i>	Tanda tangan <i>Signature</i>	
Perumus <i>Preparation</i>	Dr. Sutikno, S.Si., M.Si	Dosen <i>Lecturer</i>		
Pemeriksa dan Pengendalian <i>Review and Control</i>	Dr. Sutikno, S.Si., M.Si	Tim kurikulum <i>Curriculum team</i>		
Persetujuan <i>Approval</i>	Dr. Sutikno, S.Si., M.Si	Koordinator RMK <i>Course Cluster Coordinator</i>		
Penetapan <i>Determination</i>	Dr. Kartika Fithriasari, M.Si	Kepala Departemen <i>Head of Department</i>		

MODULE HANDBOOK

INTRODUCTION TO STATISTICAL CLIMATOLOGY

Module name	INTRODUCTION TO STATISTICAL CLIMATOLOGY	
Module level	Undergraduate	
Code	SS234638	
Course (if applicable)	INTRODUCTION TO STATISTICAL CLIMATOLOGY	
Semester	7	
Person responsible for the module	Dr. Sutikno, S.Si., M.Si	
Lecturer	Dr. Sutikno, S.Si., M.Si; Dr. Achmad Choiruddin	
Language	Bahasa Indonesia and English	
Relation to curriculum	Undergraduate degree program, elective, 7 th semester.	
Type of teaching, contact hours	Case method	
Workload	1. Lectures[L]: 3 x 50 = 150 minutes per week. 2. Exercises and Assignments [EA]: 3 x 60 = 180 minutes (3 hours) per week. 3. Independent Learning [IL]: 3 x 60 = 180 minutes (3 hours) per week.	
Credit points	3 credit points (SKS) Equivalent to 4.8 ECTS	
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to sit in the exams.	
Mandatory prerequisites	-	
Learning outcomes and their corresponding PLOs	-	PLO-4 PLO-7 PLO-10
Content	-	
Assessment and its weight	-	
Media employed	LCD, whiteboard, websites (myITS Classroom), zoom	
Reading list	1.	




**INSTITUT TEKNOLOGI SEPULUH NOPEMBER
FAKULTAS SAINS DAN ANALITIKA DATA
PROGRAM STUDI SARJANA STATISTIKA
DEPARTEMEN STATISTIKA**

**RENCANA PEMBELAJARAN SEMESTER/
SEMESTER LEARNING PLAN**

MATA KULIAH (MK)/ Course	KODE/ Code	Rumpun MK/ Course Group	BOBOT (sks)/ Weight (credit)		SEMESTER/ Semester	Tgl Penyusunan/ Drafting Date
PENGANTAR STATISTIKA KLIMATOLOGI / INTRODUCTION TO STATISTICAL CLIMATOLOGY	SS234638	Statistika Lingkungan dan Kesehatan	T=3	P=0		Januari 2023
OTORISASI/ AUTHORIZATION	Pengembang RPS/ RPS Developer		Koordinator RMK/ Course Group Coordinator		Ketua PRODI/ Head of Department	
	Dr. Sutikno, S.Si., M.Si Dr. Achmad Choiruddin, M.Sc		Dr. Sutikno, S.Si., M.Si		Dr. Kartika Fithriasari, M.Si	
Capaian Pembelajaran (CP)/ Learning Achievement	CPL-PRODI yang dibebankan pada MK/ PLO					
	CPL-4	Mampu menerapkan Sains dan Matematika untuk mendukung pemahaman metode statistika				
	CPL-7	Mampu menggunakan perangkat komputasi modern untuk menyelesaikan permasalahan statistik				
	CPL-10	Mampu menerapkan metode statistika Bisnis, Industri, Ekonomi, Sosial, Kesehatan, atau Lingkungan pada permasalahan riil				
	<i>PLO-4</i>	<i>Able to apply Science and Mathematics to support understanding of statistical methods</i>				
	<i>PLO-7</i>	<i>Able to use modern computing devices to solve statistical problems</i>				
	<i>PLO-10</i>	<i>Able to apply business, industrial, economic, social, health or environmental statistical methods to real problems</i>				
	Capaian Pembelajaran Mata Kuliah (CPMK)/ CLO					
	CPMK 1. -					

	<i>CLO.1 -</i>																							
	Matrik CPL – CPMK <i>PLO-CLO Matrix</i> <table border="1" data-bbox="448 359 1601 526"> <thead> <tr> <th></th> <th>CPL-4</th> <th>CPL-7</th> <th>CPL-10</th> </tr> </thead> <tbody> <tr> <td>CPMK-1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CPMK-2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CPMK-3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CPMK-4</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					CPL-4	CPL-7	CPL-10	CPMK-1				CPMK-2				CPMK-3				CPMK-4			
	CPL-4	CPL-7	CPL-10																					
CPMK-1																								
CPMK-2																								
CPMK-3																								
CPMK-4																								
Deskripsi Singkat MK/ <i>Course Description</i>																								
Bahan Kajian: Materi Pembelajaran/ <i>Course Material</i>	Teori Statistika, Pengumpulan Data, Manajemen Data, Pemrosesan Data, Deskripsi dan Eksplorasi, Pemodelan Statistika, Metode statistika Resmi atau Kependudukan <i>Statistical Theory, Data Collection, Data Management, Data Processing, Description and Exploration, Statistical Modeling, Official or Population Statistics</i>																							
Pustaka/ <i>References</i>	Utama/Primary: 1. - Pendukung/Secondary:																							
Dosen Pengampu/ <i>Lecturers</i>	Dr. Sutikno, S.Si., M.Si; Dr. Achmad Choiruddin, M.Sc																							
Matakuliah syarat/ <i>Pre-requisite Course</i>	-																							

Mg Ke- Week	Kemampuan akhir tiap tahapan belajar (Sub-CPMK) <i>Final capability for each learning step</i>	Penilaian <i>Evaluation</i>		Bantuk Pembelajaran, Metode Pembelajaran, Penugasan Mahasiswa, [Estimasi Waktu] <i>Learning Format Learning Methods Assignment for Student [Estimated Time]</i>		Materi Pembelajaran [Pustaka] <i>Learning Material [References]</i>	Bobot Penilaian (%) <i>Evaluation Weight (%)</i>
		Indikator <i>Indicator</i>	Kriteria & Bentuk <i>Criteria and Format</i>	Luring <i>Offline</i>	Daring <i>Online</i>		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1							
8	ETS/Midterm						
9							
16	Evaluasi Akhir Semester / Ujian Akhir Semester/<i>Final Exam</i>						

	RENCANA ASESMEN & EVALUASI <i>Assessment and Evaluation Plan</i> Program Studi Sarjana Statistika / <i>Statistics Undergraduate Program</i> PENGANTAR STATISTIKA KLIMATOLOGI / <i>INTRODUCTION TO STATISTICAL CLIMATOLOGY</i>		RA&E
			SLK-38
Kode MK: SS234638 <i>Course Code:</i> SS234638	Bobot sks (T/P): 3 <i>CREDITS : 3</i>	Rumpun MK: Statistika Lingkungan dan Kesehatan <i>Course cluster:</i> Environment And Health Statistics	Smt: VII <i>Semester VII</i>
OTORISASI <i>AUTHORIZATION</i>	Penyusun <i>Author</i> Dr. Achmad Choiruddin, S.Si., M.Sc	Koordinator RMK <i>Coordinator of course cluster</i> Dr. Sutikno, S.Si., M.Si	Kaprodi <i>Head of Department</i> Dr. Kartika F, M.Si.

Mg ke (1)	Sub CP-MK (2)		Bentuk Asesmen (Penilaian) / <i>Evaluation Type</i> (3)	Bobot / <i>Scoring</i> (%) (4)
	No	Kemampuan akhir / <i>Final Capability</i>		
1				
8		Evaluasi Tengah Semester <i>Mid Semester Evaluation</i>		
9				
16		Evaluasi Akhir <i>Final Evaluation</i>		
Total Bobot Penilaian				100%