

1. Course Identity

Course name (Nama mata kuliah)	Official Statistics II		
Faculty (Fakultas)	Mathematics and Natural Science	Study Program (Program Studi)	Statistics
Code (Kode)	SST-303	Credit poin Sks (Bobot Sks)	3
Group (Grup)	Study Program	Enrollment obligatory (Sifat pengambilan)	mandatory/ optional*
Semester(s) in which the course is taught (Semester)	III	Availability (Ketersediaan)	Limited
Learning method (Bentuk pembelajaran)	blended learning /online learning*	Media (Media)	Digital files (slides, video, sheet, etc)
Course category (Rumpun mata kuliah/blok)	university compulsory course/ SSP compulsory course/ practicum/ compulsory of scientific interest/ elective course*	Requirements (Prasyarat)	Official Statistics I
Lecture (Dosen pengampu)	Sekti Kartika Dini, S.Si., M.Si.	Semester/ Academic year (Semester/ Tahun Akademik)	Odd Semester 2020/2021

*) cross the unnecessary ones

2a. PROGRAM LEARNING OUTCOME (CAPAIAN PEMBELAJARAN LULUSAN)

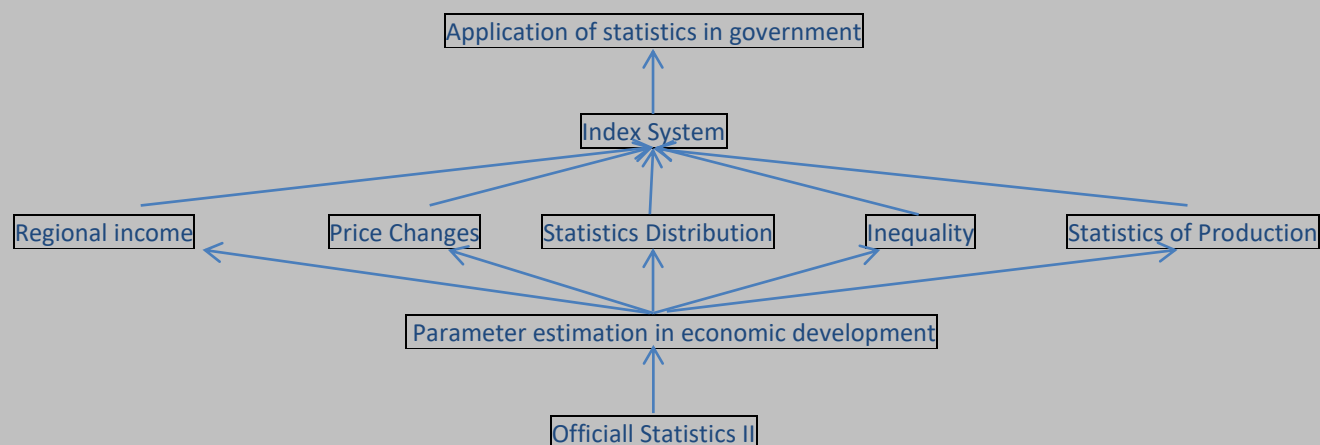
LO Code (Kode CPL)	LO Description (Rumusan CPL)
PPa (Science)	Students understand various census and survey activities, especially activities on official economic statistics so that students understand the methodology, outputs and outcomes of these activities, and can perform analysis using statistical methods descriptive and inferential.

2b. COURSE OUTCOME (CAPAIAN PEMBELAJARAN MATA KULIAH)

Support ed PLO Code (Kode CPL yang didu- kung)	CO Code (Kode CPMK)	CO Descriptions and Indicators (Rumusan CPMK dan Indikator)	Learning Experience (Pengalaman Pembelajaran)	Assessment (Asesmen/penilaian)	Weight (Bo-bot)
PPa	PPa1	Description: Students are able to understand the methodology, methods and processes of data collection and who are the respondents	At the end of each lesson, interactive discussions are held to increase understanding, practice calculations to ensure understanding of the material	Written Test	10%

		<p>Indicator: Students are able to explain the methodology, methods and processes of data collection and who the respondents are on official statistics in the field of economics</p>	<p>presented. Group/individual tasks to solve problems related to official statistics on selected materials</p>		
	PPa2	<p>Description: Students are able to calculate the macroeconomic statistical indicators</p> <p>Indicator: Students are able to calculate GRDP, economic growth, production index, employment</p>		Written Test	15%
	PPa3	<p>Description: Students are able to calculate the distribution statistical indicators</p> <p>Indicator: Students are able to calculate price index, inflation, distribution related index statistics</p>		Written Test	20%
	PPa4	<p>Description: Students are able to do operations on the income inequality indicator</p> <p>Indicator: Students are able to perform search operations income inequality indicators such as Gini Ratio, Williamson Index, Theils Index</p>		Written Test	20%
	PPa5	<p>Description: Students are able to calculate the statistical indicators of production</p> <p>Indicator: Students are able to calculate agricultural production index, industry</p>		Written Test	20%
	PPa6	<p>Description: Students are able to solve problems in official statistics with the concepts and standard definitions used</p> <p>Indicator: Students are able to solve problems in official statistics with the concepts and definitions of indexes that have been determined</p>		Written Test	15%

3. Program Learning Outcome Analysis Map (*Peta Analisis Capaian Pembelajaran*)



4. Reference (*Referensi*)

1. Anderson, Sweeney, and Williams. 2002. *Statistics for Business and Economics*. 8th edition. South-Western/Thomson LearningTM
2. L.Webster, Allen. (1998). *Applied Statistics for Business and Economics*, Buku 1. McGraw-Hill Internat.
3. Walpole R,E. 1995. *Pengantar Statistika*. PT Gramedia Pustaka Utama. Jakarta
4. BPS. various years. *Publication and Official News BPS*. BPS. Jakarta

5. Detail of Learning Activities (*Rincian Aktivitas Pembelajaran*)

Session (sesi)	LOC/Sub-LOC/Criterion (CPMK/Sub-CPMK/Kriteria)	Study Material (<i>Bahan Kajian</i>)	Activity Design and Duration (<i>Rancangan Aktivitas dan Durasi</i>)	Mode	Learning Media/Reference (<i>Media Pembelajaran/Referensi</i>)
1	PPa1	Meaning and Use of Data	<ul style="list-style-type: none"> • Lecturer explains lecture rules, lecture evaluation system, and lesson plans in one semester • Lecturer reviews again related to the meaning of data (duration 90-100 minutes) 	FFO	Pengantar Statistika
2	PPa1	Government Statistics in Economics	<ul style="list-style-type: none"> • Lecturer explains about Government Statistics in Economic Sector (duration 90-100 minutes) 	FFO	Statistics for Business and Economics. Chapter 1. Data & Statistics Book 4a. pp. 1-108
3	PPa2	Statistics of National/Regional Income	<ul style="list-style-type: none"> • Lecturer explains the concept and method of calculating National/Regional Income • Students are divided into groups to discuss related to GRDP, then convey back to their colleagues (duration 90-100 minutes) 	FFO	Statistics for Business and Economics. Chapter 7. Sampling and Sampling Distribution Book 4a, 4b
4	Ppa3	Preparation of Index	Lecturers explain the concept of index numbers (duration 90-100 minutes)	FFO	Statistics for Business and Economics.

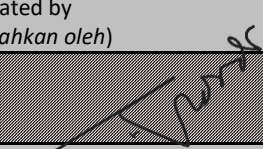
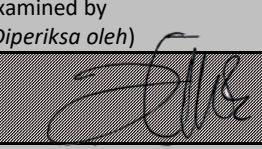
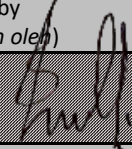
					Chapter 17. Index Number
5	PPa3	Price index developments and inflation	<ul style="list-style-type: none"> Lecturer explains about the price index and inflation through video Students are asked to do practice questions/essays 	SAA	Statistics for Business and Economics. Chapter 17. Number Index Book4a, 4c.
6	PPa3, PPa6	Statistics of Business Development and Consumer Tendency	<ul style="list-style-type: none"> Lecturer explains about Statistics of Business Development and Consumer Tendency Students are asked to do exercises on Statistics of Business Development and Consumer Tendency 	SAA	Statistics for Business and Economics. Chapter 17. Number Index Book4a, 4d.
7	PPa3, PPa6	Tourism Statistics, Regional Finance	Lecturer explains about Tourism Statistics and Regional Finance (duration 90-100 minutes)	FFO	Statistics for Business and Economics. Chapter 17. Number Index Book4a, 4c.
8	Midterm Exam				
9	PPa4	Income gap	Lecturer explains about income gap (duration 90-100 minutes)	FFO	Statistics for Business and Economics. Chapter 11. Inference About Population Variance Book 4a.
10	PPa4, PPa6	Williamson Index	<ul style="list-style-type: none"> Lecturer explains about Williamson Index (duration 90-100 minutes) Students are assigned to calculate the Williamson Index for each district/city 	FFO	Statistics for Business and Economics. Chapter 11. Inference About Population Variance
11	PPa4, PPa6	Theil Index	Lecturer explains about Theil Index (duration 90-100 minutes)	FFO	Statistics for Business and Economics. Chapter 11. Inference About Population Variance Book 4a
12	PPa5	Horticultural Statistics	Lecturer explains about Horticultural Statistics (duration 90-100 minutes)	FFO	Statistics for Business and Economics. Chapter 11. Inference About Population Variance
13	PPa5	Food Crop Statistics and Data Processing	Lecturer explains about Food Crop Statistics and Data Processing (duration 90-100 minutes)	FFO	Statistics for Business and Economics. Chapter 17. Inference About Population Variance Book 4a
14	PPa1, PPa2, PPa3, PPa4, PPa5, PPa6	Presentation of Group Work for selected material	Group presentation for selected material	CAA	Statistics for Business and Economics. Chapter 17. Inference About Population Variance Book 4a
15	PPa1, PPa2, PPa3, PPa4, PPa5, PPa6	Presentation of Group Work for selected material	Group presentation for selected material	CAA	Statistics for Business and Economics. Chapter 17
16	Final Exam				

Information:

For mode, enter one of the following codes

- FF = activities that require **face-to-face** meetings in class (*aktivitas yang memerlukan tatap muka (TM) langsung di kelas*);
 - FFO = activities that require **face to face online** (*aktivitas yang memerlukan tatap muka secara daring (tatap maya/TMD)*);
 - SAA = standalone asynchronous online activity (*aktivitas daring asinkron mandiri/ASM*);
 - CAA = collaborative asynchronous online activities (*aktivitas daring asinkron kolaborasi/ASK*);
- Learning / reference media can be in the form of (1) self-produced results, (2) curated results: media sourced from the internet or other sources chosen by the lecturer, and / or (3) students' own exploration results.

6. Assessment and Evaluation System (<i>Sistem Penilaian dan Evaluasi</i>)	
Assessment System (<i>Sistem Penilaian</i>)	The grading system uses one of these two systems: <ul style="list-style-type: none"> • PAP (<i>Penilaian Acuan Patokan/ Benchmark Reference Assessment</i>) is an assessment using the University / Faculty / Study Program's standard values. • PAN (<i>Penilaian Acuan Normal/ Normal Reference Assessment</i>) is an assessment based on relative class passing standards, for example based on a normal distribution.
Evaluation System (<i>Sistem Evaluasi</i>)	At the end of each lesson, interactive discussions are held to increase understanding, practice calculations to ensure understanding of the material presented. Group/individual tasks to solve problems related to official statistics on selected materials.

Date:	Date:	Date:
Validated by (<i>Disahkan oleh</i>)	Examined by (<i>Diperiksa oleh</i>)	Prepared by (<i>Disiapkan oleh</i>)
		
Dr. Edy Widodo, M.Si.	Dina Tri Utari, S.Si., M.Sc.	Sekti Kartika Dini, S.Si., M.Si.