

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Statistical Laboratory(1)
Course number	STAT3308
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

1 - Finding the solutions for common statistical measures by using SPSS program
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#### Intended Learning Outcomes

Knowledge and Understanding	* How to use SPSS for solving statistical problems
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#### Course Contents

1 - Understanding SPSS
2 - Central tendency and dispersion measures
3 - Correlation & Regression
4 - Estimation
5 - Testing hypotheses
6 - Nonparametric statistics
7 - Time series

#### Teaching and Learning Methods

1 - Lectures
2 - homework
3 - Interpretation of the outputs

#### Teaching and Learning Methods for the Disabled Students

1 - Do not apply
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#### Students Assessment

Assessment Method	TIME	MARKS
Midterm exam	Two hours	30
Homework using SPSS	Five hours	10
Final exam	Two hours	60

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## Books and References

Course note	SPSS program
	MINITAB program

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## Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
SPSS program in detail					
Data entry					
Graphs					
Data summarizing					
Calculation of some statistical measures					
Estimation & Testing hypotheses					
Nonparametric tests					
Data interpretation					