

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Nonpanametric Statistics
Course number	STAT4325
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - Understanding the nonparametric methods for statistical hypothesis
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Intended Learning Outcomes

Knowledge and Understanding	* Understanding the nonparametric methods beside the parametric methods for statistical hypothesis
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Course Contents

1 - Concept of the nonparametric methods
2 - Nonparametric tests in one sample case
3 - Nonparametric tests in two independent samples case
4 - Nonparametric tests in two paired samples case
5 - Nonparametric tests in more than two independent samples case
6 - Nonparametric tests in more than two paired samples case

Teaching and Learning Methods

1 - Lectures
2 - Computer applications
3 - Homework & applications

Teaching and Learning Methods for the Disabled Students

1 - Do not apply

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Midterm exam	Two hours	30
Homework & applications & participation	Five hours	10
Final exam	Two hours	60

Books and References

Course note Nonparametric statistics Jean Dickinson Gibbons

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Parametric and Nonparametric tests					
Nonparametric tests in one sample case					
Nonparametric tests in two independent samples case					
Nonparametric tests in two paired samples case					
Nonparametric tests in more than two independent samples case					
Nonparametric tests in more than two paired samples case					