Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Graduate Project
Course number	MATH4323
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - .To understand the nature of research in mathematics

2 - .To engage in independent study of advanced mathematical materials

3 - .To present the results of such study in a scientific and scholarly manner

4 - .To facilitate the gain of integration skills necessary for the analysis, design and delivery of a significant contribution in mathematics

Intended Learning Outcomes

Knowledge and Understanding	* .Know the methods of research in mathematical fields
	* Understand the nature of research in mathematics
	* Review the literature on a mathematical problem
Intellectual Skills	* Integrate the knowledge gained in various courses of mathematics
	* .Differentiate between available resources according to their relevant to project problem
	* .Think critically and creatively from a mathematical perspective
Professional Skills	* Analyze and simplify the mathematical work in advanced mathematical manuscripts
	* Manage and justify the collected information from different resources
	* Use a style of citation and referencing
	* Apply computational application when possible
General Skill	* Presentational skills
	* Team work
	* Time management
	* Communication skills

Course Contents

1 - .The concerned topics lie beyond the scope of courses normally taught at the department

2 - Topics are derived from advanced books or published articles in mathematics / statistics

Teaching and Learning Methods

1 - Presentation ,Lecture, Peer Discussion

2 - contact with the supervisor on office hour

Teaching and Learning Methods for the Disabled Students

1 - No

Students Assessment

Assessment Method	TIME	MARKS
Presentation		15
Peer Discussion		15
Project report		70

Books and References

Essential books	there is no any specific book,the supervisor decide which book is used according to the research topic.
Recommended books	The books related to the research topic