



**Mutah University**  
**College of Graduate Studies**

**Master's Degree in Mathematics**  
**Thesis Track**

**Thesis Track: The number of credit hours for graduation is 33 hours, distributed as follows:**

	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Prerequisite</b>
<b>A: Specialization Requirements Compulsory Credit Hours (15)</b>	0301701	Ordinary Differential Equation Theory (1)	3	-
	0301711	Integral and Measure Theory (1)	3	-
	0301721	Numerical Analysis (1)	3	-
	0301741	Algebra (1)	3	-
	0301761	Topology (1)	3	-

	<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Prerequisite</b>
<b>B: Elective Major Requirements Credit Hours (9)</b>	0301703	Partial Differential Equations	3	-
	0301709	Special Topics in differential Equations	3	0301701
	0301712	Functional Analysis	3	-
	0301713	Complex Analysis (1)	3	-
	0301729	Special Topics in Numerical Analysis	3	0301721
	0301731	Mathematical Statistics (1)	3	-
	0301742	Algebra (2)	3	0301741
	0301749	Special Topics in Algebra	3	0301741
	0301769	Special Topics in Topology	3	-
0301775	Approximation Theory	3	-	

- Thesis Preparation (Thesis Code): Equivalent to (9) credit hours, provided the student successfully passes the defence examination.
- The Dean, based on the recommendation of the Department Committee and the College Committee, may assign the student remedial courses not exceeding (9) credit hours. This must be documented in the admission letter, and the student is required to complete them during the first year.