



**Mutah University**  
**College of Graduate Studies**  
**Master's Degree in Nutrition and Food Science**  
**Comprehensive Track**

**Comprehensive Track: The total credit hours required for graduation are 34 credit hours, distributed as follows:**

<b>A: - Specialization Requirements Compulsory Credit Hours (25)</b>	Course Code	Course Title	Credit Hours	Prerequisite
	1103700	Experimental Design and Analysis	3	-
	1103704	Advanced Biochemistry	3	-
	1103711	Advanced Food Chemistry	3	-
	1103712	Advanced Human Nutrition	3	-
	1103714	Research Methodology	1	-
	1103716	Advanced Laboratory Techniques in Nutrition and Food Science	2	-
	1103718	Seminar in Nutrition and Food Science	1	-
	1103720	Advanced Food Microbiology	3	-
	1103728	Advanced Food Safety and Hygiene	3	-
	1103736	Advanced Nutrition Assessment	3	-

<b>B: - Elective Major Requirements Credit Hours (9)</b>	Course Code	Course Title	Credit Hours	Prerequisite
	1103720	Advanced Food Quality Management and Control	3	-
	1103726	Advanced Food Science	3	-
	1103730	Advanced Food Biotechnology	3	-
	1103732	Advanced Food Packaging	3	-
	1103734	Advanced Functional Foods	3	-
	1103739	Advanced Vitamins and Minerals in Nutrition	3	-
	1103740	Nutrition Care Process	3	-
	1103742	Advanced Clinical Nutrition	3	-
	1103744	Advanced Nutritional Metabolism and Disorders	3	-

<b>C: - College Compulsory</b>	Course Code	Course Title	Credit Hours	Prerequisite
	.....	Continuous Registration	0	
		Comprehensive Exam	0	