

**CENTRO ESCOLAR UNIVERSITY**  
**Manila**

**GRADUATE SCHOOL**

**MASTER OF SCIENCE IN NUTRITION AND DIETETICS**  
**Effective School Year 2016-2017**

**Degree Requirements**

Core Courses .....	6 units
Major Courses .....	21 units
Cognates.....	6 units
Thesis.....	6 units
<b>Total</b>	<b>39 units</b>

**Core Courses..... 6**

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
Res. 200	Methods of Research	3
Stat. 218	Statistics in Research	3

**Major Courses..... 21**

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
Nut 231	Advanced Nutrition	3
Nut 235	Advanced Nutrition Education	3
Nut 236	Advanced Nutrition Assessment	3
Nut 241	Food and Nutrition Program Planning and Management (with Immersion 40 hours)	3
	<i>*Pre-requisites – Advanced Nutrition and Advanced Nutrition Assessment</i>	
Nut 233	Medical Nutrition Therapy I	3
Nut 234	Medical Nutrition Therapy II (with Immersion 40 hours)	3
Nut 242	Graduate Seminar in Nutrition and Dietetics	3

**Cognates (Any 2 of the following)..... 6**

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
Nut 224	Advanced Foodservice Management	3
Nut 232	Advanced Life Cycle Nutrition	3
Ed 231	Assessment and Learning	3
Mgt		

**Thesis..... 6**

<u>Course Code</u>	<u>Course Descriptive Title</u>	<u>Units</u>
Res. 291	Thesis I*	3
Res 292	Thesis II	3

**Total 39 units**

**\*For Non-Nutrition and Dietetics graduates, they are required to take up 21 units professional courses in the BS Nutrition and Dietetics.**

**\*Students must pass the comprehensive exam prior to enrolment in Thesis I.**

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**COURSE DESCRIPTION**

**MASTER OF SCIENCE IN NUTRITION AND DIETETICS**  
**Effective School Year 2016-2017**

<b>Core</b>			
<b>Course Code</b>	<b>Course Title</b>	<b>Course Description</b>	<b>Units</b>
<b>Res. 200</b>	Methods of Research.	Concepts, principles, process, approaches and ethical standards of research, as well as tools of data analysis and synthesis of related knowledge pertinent to writing an acceptable research.	3
<b>Stat. 218</b>	Research Statistics	Statistical tools used for both descriptive and inferential statistics, which can be applied in the analysis and interpretation of data, as well as in the use and application of statistical softwares (eg. SPSS, STATA).	3
<b>Major Courses</b>			
<b>Nut 231</b>	Advanced Nutrition	Advances in macronutrients, micronutrients, phytochemicals, their biochemical aspects and interrelationships.	3
<b>Nut 235</b>	Advanced Nutrition Education	In-depth examination of theory-based design and delivery of nutrition education including conducting needs assessment; developing lesson plans and activities; designing and testing technology-based nutrition education materials; and evaluating nutrition education strategies, materials and programs.	3
<b>Nut 236</b>	Advanced Nutrition Assessment	Advanced methods of assessing the nutritional status of individuals, families and communities using anthropometric, biochemical, clinical and dietary methods.	3
<b>Nut 241</b>	Food and Nutrition Program Planning and Management	Methods and tools in planning, implementation and evaluation of programs that promote and protect public health focusing on policies and issues concerning nutrition program management. Requires 40 hours immersion in the community.	3
<b>Course Code</b>	<b>Course Title</b>	<b>Course Description</b>	<b>Units</b>
<b>Nut 233</b>	Medical	Study of pathophysiology, the evaluation of	3

	Nutrition Therapy I	assessment data, the nutrition care process, method of nutrition support, food and drug interaction and application of nutrition intervention for gastrointestinal disorders, accessory organs, pulmonary diseases, blood disorders, hair and nail disorders, HIV infection, and surgical conditions.	
<b>Nut 234</b>	Medical Nutrition Therapy II	Study of pathophysiology, the evaluation of assessment data, the nutrition care process, method of nutrition support, food and drug interaction and application of nutrition intervention for Obesity and Undernutrition (weight management), Hypertension, Type II diabetes, Heart disease, and Transplant, Renal diseases, and Replacement therapy and Cancer. This includes 40 hours immersion in a tertiary government hospital or medical center.	3
<b>Nut 242</b>	Graduate Seminar in Nutrition and Dietetics	Special topics in nutrition, review of current local and foreign literature in the light of new trends, development, issues and problems in nutrition and dietetics.	3
<b>Cognates</b>			
<b>Nut 224</b>	Advanced Foodservice Management	Trends in foodservice systems management, with special emphasis on total quality management and leadership skills.	3
<b>Nut 232</b>	Advanced Life Cycle Nutrition	Study of nutrient needs throughout the life cycle that pertain to disease prevention and health promotion. Special emphasis is given to maternal, infant, pediatric and geriatric nutrition.	3
<b>Ed. Mgt. 231</b>	Assessment and Learning	Explores assessment design and tools, vis-à-vis curriculum, pedagogy and intended learning outcomes.	3
<b>Thesis</b>			
<b>Res 291</b>	Thesis I	Application of principles and concepts of research and study design culminating in a research proposal.	3
<b>Res 292</b>	Thesis II	Analysis and interpretation of data gathered during the conduct of the research and integration and synthesis of related literature pertinent to the interpretation and discussion of the results culminating in the writing of the final manuscripts and final oral defense.	3