



Philadelphia University
Department of Clinical Nutrition and Dietetics
Matrix Correlating Program Taught Obligatory Courses and Learning Outcomes

Obligatory Courses Taught in the Program	Learning Outcomes														
	Obligatory Courses Taught in the Program						Intellectual Skills	Professional and Practical Skills					General and Transferable Skills		
	K1	K2	K3	K4	K5	K6	I1	P1	P2	P3	P4	P5	T1	T2	T3
Calculus (1)	✓	✓		✓		✓	✓	✓	✓		✓	✓			
Introduction to Probability & Statistics	✓	✓		✓	✓	✓	✓	✓			✓		✓	✓	✓
General Physics (1)	✓	✓	✓	✓		✓	✓		✓	✓	✓		✓	✓	✓
General Chemistry (1)	✓	✓		✓	✓		✓	✓	✓		✓		✓		✓
General Biology (1)							✓	✓	✓	✓	✓				
Biology (1) Practical	✓				✓	✓	✓		✓			✓		✓	
General Biology (2)	✓	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓
Fundamentals In Nutrition	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓
General Microbiology	✓	✓		✓	✓	✓	✓	✓					✓		✓
General Microbiology Practical	✓		✓				✓		✓	✓	✓	✓			
Analytical Chemistry	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓		
Analytical Chemistry Practical							✓			✓	✓	✓		✓	✓
Human Nutrition	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓	✓	✓
Food Preparation	✓	✓	✓		✓	✓	✓			✓		✓			✓
Food Preparation Practical	✓						✓	✓	✓		✓		✓	✓	
Nutrition Through The Life Cycle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nutrition And Metabolism	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓		✓	✓
Medical Nutritional Therapy (1)	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓		✓
Medical Nutritional Therapy (1) Practical	✓					✓	✓		✓	✓	✓		✓	✓	✓
Food Microbiology Theory	✓	✓	✓	✓	✓	✓	✓		✓		✓			✓	✓

Food Microbiology Practical							✓	✓			✓		✓		
Medical Nutritional Therapy(2)	✓	✓	✓	✓	✓	✓	✓							✓	
Medical Nutritional Therapy (2) Practical	✓					✓	✓	✓	✓	✓	✓	✓	✓		✓
Nutritional Status Assessment	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓
Nutritional Status Assessment Practical	✓						✓	✓	✓	✓	✓	✓	✓	✓	✓
Diet Planning Theory	✓	✓	✓	✓	✓	✓	✓	✓							✓
Diet Planning Practical	✓						✓		✓	✓	✓	✓	✓	✓	
Nutritional Education And Counseling	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓
Food Chemistry And Analysis Theory	✓	✓	✓	✓	✓	✓	✓	✓							
Food Chemistry And Analysis Practical	✓						✓		✓	✓	✓	✓	✓	✓	✓
Food Quality Control	✓	✓		✓	✓	✓	✓	✓			✓	✓	✓		✓
Food Biotechnology	✓	✓	✓	✓		✓	✓			✓	✓	✓		✓	✓
Nutritional Epidemiology	✓	✓	✓	✓	✓		✓		✓						
Community Nutrition Theory	✓		✓	✓	✓	✓	✓	✓						✓	✓
Community Nutrition Practical	✓						✓	✓	✓	✓	✓	✓			
Training In Community Nutrition And Counseling Practical		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Training In Diet Therapy Practical		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Training In Healthy Nutrition Practical		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Seminar (Special Topics In Clinical Nutrition And Dietetics	✓			✓		✓	✓				✓	✓	✓		✓