

Scheme of Studies-HND

SCHEME OF STUDIES FOR THE SESSION OF (FALL-2023)

Course Code	Title of Course	Credit Hours
1st Semester		
HND-00101	Fundamentals of Human Nutrition	3(3-0) FC
HND-00102	Essentials of Food Science & Technology	3(2-1) FC
HND-00103	Mathematics	3(3-0) GC
FAL-00281	Functional English	3(3-0) CC
FCB-00031	Biochemistry	3(2-1) GC
FAL-00351	Ideology and Constitution of Pakistan	2(2-0) CC
FMS-00192	Life and Academics Skills	2(2-0) CC
		19 (17-2)
2nd Semester		
HND-00201	Macronutrients in Human Nutrition	3(3-0) FC
FAL-00282	Expository Writing	3(3-0) CC
FIA-00293	Arabic (As Language)	2(2-0) CC
HND-00204	Human Anatomy	3(2-1) FC
HND-00205	Human Physiology-I	3(2-1) FC
FIA-00291	Islamic Studies/Religious Education/Ethics*(*Only for Non-Muslims)	2(2-0) CC
HND-00207	Food Microbiology	3(2-1) GC
		19 (16-3)
3rd Semester		
HND-00301	Micronutrients in Human Nutrition	3(3-0) FC
HND-00302	Human Physiology-II	3(2-1) FC
FIA-00292	Arabic for understanding Quran	3(3-0) CC
FSS-00154	Civic and Community Engagement	2(2-0)
FPM-00321	Quantitative Reasoning-I	3(3-0) CC
PH-302	Basic Health Awareness	3(3-0) CC
HND-00307	Food Safety and Toxicology	3(3-0) GC
		20(19-1)
4th Semester		
FOC-00301	Applications of Information and Communication Technologies (ICT)	3(2-1) CC
FPM-00322	Quantitative Reasoning II	3(3-0) CC
HND-00403	Assessment of Nutritional Status	3(2-1) MC
FMS-00193	Entrepreneurship	2(2-0) CC
HND-00405	General Pathology	3(2-1) FC
HND-00407	Food Analysis and Sensory Evaluation	3(1-2) FC
HND-00408	Meal Planning and Management	3(2-1) MC
		20(14-6)
*Note: The study tour will be the integral part of syllabus (Food Analysis) and will be arranged at the end of the 4 th semester to visit food industry and Nutraceuticals in Pakistan.		
5th Semester		
HND-00501	Dietetics-I	3(2-1) MC
HND-00503	Nutritional Education and Awareness	3(2-1) MC
HND-00506	Food and Drug Laws	2(2-0) MC
HND-00507	Nutrition Through the Life Cycle	3(3-0) FC
HND-00508	Sports Nutrition	3(2-1) MC
HND-00509	Nutrition Policies and Programs	3(3-0) MC
		17(14-3)
6th Semester		
HND-00601	Dietetics-II	3(2-1) MC

HND-00602	Functional Foods and Nutraceuticals	3(3-0) MC
HND-00603	Nutrition Through Social Protection	2(2-0) GC
HND-00605	Infant and Young Child Feeding	3(2-1) GC
HND-00606	Clinical Biochemistry	3(1-2) GC
HND-00607	Nutrition Epidemiology	2(2-0) EC
HND-00608	Food Service Management	3(3-0) MC
		19(15-4)

7th Semester

HND-00703	Research Methods in Nutrition	3(3-0) MC
HND-00705	Nutritional Immunology	3(3-0) EC
HND-00706	Drug-Nutrient Interactions	2(2-0) EC
HND-00707	Global Food Issues and Consumer Behaviour	3(3-0) MC
HND-00708	Public Health Nutrition	3(2-1) MC
HND-00709	Experimental Cooking	3(1-2) MC
		17(14-3)

***Note:** The study tour will be the integral part of syllabus (Research Methods in Nutrition, Nutritional Practices in Clinical Care) to visit community centers, National institute of health and research centers related with nutrition in different cities of Pakistan and will be arranged at the end of the 7th semester.

8th Semester

HND-00806	Internship/Report Writing	6(0-6) MC
HND-00807	Research Project/Capstone Project	3(0-3) MC
HND-00808	Nutritional Practices in Clinical Care	3(2-1) MC
		12(2-10)

Total Credit Hours = 143