



**UNIVERSITY OF DHAKA**

**Department of Food and Nutrition**

**Syllabus for  
Four Years B.Sc. Honours  
in  
Home Economics (Grading System)  
Session: 2020-2021 and onwards**

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Food and nutrition is one of the most dynamic, diverse, and modern life-related science-based subject to learn disease free life and is a modern technological subject in knowledge based education system. The study of food and nutrition contributes to the human and the national development in many ways. Completing this four years Honours degree program in order to become a nutritionist or dietitian is a step towards a employable person for long-term career in the health sectors. Courses of Food and Nutrition have been selected from the Biological Sciences, Physical Sciences and Social Sciences. Nutritionists and Dietitians are involved in helping others to learn how to improve their lifestyle through diet and exercise, and many others professional advice on a variety of health issues. The knowledge of clinical and therapeutic nutrition for different disease conditions, nutrition and dietetics and community nutrition empowers students' knowledge and skills to utilize food as a powerful tool for physical, mental, and social wellbeing. Students can gain practical knowledge through innovative coursework that addresses 21<sup>st</sup> century needs and developments and SDG's goals by drawing on the connection between what we consume and how we live.

The Year-wise credits distribution of the Departmental and Extra-Departmental areas for the Department of Food & Nutrition

Year	Departmental Courses				Extra-Departmental Courses	Total
	Theory	Practical	Viva	Total		
1 <sup>st</sup> Year	8	4	2	14	12	26
2 <sup>nd</sup> Year	12	4	2	18	12	30
3 <sup>rd</sup> Year	22	8	2	32	8	40
4 <sup>th</sup> Year	26	8	2	36	----	36
Total Credits	68	24	8	100	32	132

### Courses for 1<sup>st</sup> Year

#### Departmental Courses:

Course No	Course Title	Credits	Marks
FN-101	Fundamentals of Nutritional Science	4	100
FN-102	Human Physiology	4	100
FN-103	Practical - I	2	50
FN-104	Practical -II	2	50
FN-105	Viva-voce	2	50
Total		14	350

#### Extra-Departmental Courses:

Course No	Course Title	Credits	Marks
HE-152	Resource Management and Entrepreneurship	3	75
HE-153	Child Development	3	75
HE-154	Basic Art and Crafts	3	75
HE-155	Clothing & Textile	3	75
Total		12	300

### Courses for 2nd Year

#### Departmental Courses:

Course No	Course Title	Credits	Marks
FN-201	Food Science & Food Microbiology	4	100
FN-202	Biochemistry	4	100
FN-203	Human Nutrition & Dietetics	4	100
FN-204	Practical - I	2	50
FN-205	Practical -II	2	50
FN-206	Viva-voce	2	50
Total		18	450

#### Extra-Departmental Courses:

Course No	Course Title	Credits	Marks
HE-251 or HE-252	Physics in everyday life or General Biology	4	100
HE-253	Fundamentals of chemistry	4	100
HE-254	English	4	100
Total		12	300

### Courses for 3rd Year

#### Departmental Courses:

Course No	Course Title	Credits	Marks
FN-301	Clinical & Therapeutic Nutrition	4	100
FN-302	Food Processing & Technology	4	100
FN-303	Metabolism	4	100
FN-304	Institutional Food Service Management	4	100
FN-305	Community Nutrition	4	100
FN-307	Computing and Information Technology in Nutrition	2	50
FN-308	Practical - I	2	50
FN-309	Practical -II	2	50
FN-310	Practical- III	2	50
FN-311	Practical - IV	2	50
FN-312	Viva-voce	2	50
Total		32	800

#### Extra-Departmental Courses:

Course No	Course Title	Credits	Marks
HE-351	Sociology	4	100
HE-352	History of the Emergence of Independent Bangladesh	4	100
Total		8	200

### Courses for 4<sup>th</sup> Year

#### Departmental Courses:

Course No	Course Title	Credits	Marks
FN-401	Food Chemistry	4	100
FN-402	Nutritional Epidemiology	4	100
FN-403	Nutritional Policies & Programmes	4	100
FN-404	Quality Assurance of Food	4	100
FN-405	Statistics & Research Methodology	4	100
FN-406	Biochemical & Instrumental Analytical Techniques in Nutrition	2	50
FN-407	Applied Nutrition	4	100
FN-408	Practical - I	2	50
FN-409	Practical -II	2	50
FN-410	Internship	2	50
FN-411	Research Project	2	50
FN-412	Viva-voce	2	50
Total		36	900