

PDM UNIVERSITY

Faculty of Life Sciences **Department of Food Science and Nutrition** **B.Sc. (Hons.) Food Science and Nutrition**

THREE YEAR FULL TIME PROGRAMME



PDM UNIVERSITY BAHADURGARH
DELHI- NCR



Note: Syllabi applicable for students seeking admission in the B.Sc. (Hons.) Food Science and Nutrition Course from the academic year 2018

Details of Course: B.Sc. (Hons.) Food Science and Nutrition

Course Structure Credits (Theory + Practical)

I Core Courses (14 Papers)

Core Course Practicals	14 x 04 = 56
Minor projects	14 x 02 = 28
Major Projects	01 x 02 = 02
	01 x 04 = 04

II Elective Courses (07 Papers)

a. Discipline Specific Electives DSE (03 Papers)	03 x 04 = 12
Discipline Specific Electives Practicals	03 x 02 = 06
b. Generic Electives / Interdisciplinary (04 Papers)	04 x 04 = 16
Generic Electives / Interdisciplinary Practicals	04 x 02 = 08

III Ability Enhancement Courses (AEC)

a. English Communications	01 x 02 = 02
b. Environmental Sciences	01 x 02 = 02
c. Foreign Language	02 x 02 = 04
d. Yoga	01 x 01 = 01
e. Aptitude	02 x 02 = 04
f. Professional Communications	02 x 02 = 04
g. Value Education	01 x 02 = 02

IV Skill Enhancement Course

02 x 02 = 04

Total Credits = 155

B.Sc. (Hons.) Food Science and Nutrition
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PROGRAMME STRUCTURE

Sem	Module Code	Module Type	Module Name	Marks			Credits
				Internal	External	Total	
1st Sem	FSNT1101	Core I	Food Science	50	100	150	4
	FSNT1102	Core I (P)	Food Science Lab	25	50	75	2
	FSNT1103	Core II	Human Nutrition	50	100	150	4
	FSNT1104	Core II (P)	Human Nutrition Lab	25	50	75	2
	STAT0301	Generic Elective I	Descriptive Statistics	50	100	150	4
	STAT0302	Generic Elective I (P)	Descriptive Statistics Lab	25	50	75	2
	ENGL0103	AEC	English Communications	25	50	75	2
	LANF0101 LANG0102 LANS0103	AEC	Foreign Language-I French German Spanish	25	50	75	2
			Total	275	550	825	22
2nd Sem	FSNT1105	Core III	Human Physiology	50	100	150	4
	FSNT1106	Core III (P)	Human Physiology Lab	25	50	75	2
	FSNT1107	Core IV	Nutrition through life cycle	50	100	150	4
	FSNT1108	Core IV (P)	Nutrition through life cycle Lab	25	50	75	2
	STAT0303	Generic Elective II	Biostatistics	50	100	150	4
	STAT0304	Generic Elective II (P)	Biostatistics Lab	25	50	75	2
	ENVS0101	AEC	Environmental Science	25	50	75	2
	LANF0104 LANG0105 LANS0106	AEC	Foreign Language-II French German Spanish	25	50	75	2
	VALU0118	AEC	Yoga	25	25	50	1
			Total	300	575	875	23
3rd Sem	FSNT2101	Core V	Food service management-I	50	100	150	4
	FSNT2102	Core V (P)	Food service management-I Lab	25	50	75	2
	FSNT2103	Core VI	Food Processing & Preservation	50	100	150	4
	FSNT2104	Core VI (P)	Food Processing & Preservation Lab	25	50	75	2
	FSNT2105	Core VII	Principle of resource management	50	100	150	4
	FSNT2106	Core VII (P)	Principle of resource management lab	25	50	75	2
	STAT0305	Generic Elective III	Computational Statistics	50	100	150	4
	STAT0306	Generic Elective III (P)	Computational Statistics Lab	25	50	75	2
	MGMT0103	SEC-I	Entrepreneurship	25	50	75	2
			Total	325	650	975	26

4th Sem	FSNT2107	Core VIII	Food microbiology	50	100	150	4
	FSNT2108	Core VIII (P)	Food microbiology lab	25	50	75	2
	FSNT2109	Core IX	Food service management-II	50	100	150	4
	FSNT2110	Core IX (P)	Food service management-II lab	25	50	75	2
	FSNT2111	Core X	Principle of interior decoration	50	100	150	4
	FSNT2112	Core X (P)	Principle of interior decoration lab	25	50	75	2
	STAT0307	Generic Elective IV	Applied Statistics	50	100	150	4
	STAT0308	Generic Elective IV (P)	Applied Statistics Lab	25	50	75	2
	VALU0109	AEC	Value Education	25	50	75	2
	CSEN0103	SEC-II	Basics of Information Technology	25	50	75	2
			Total	350	700	1050	28
5th Sem	FSNT3101	Core XI	Basic Dietetics	50	100	150	4
	FSNT3102	Core XI (P)	Basic Dietetics Lab	25	50	75	2
	FSNT3103	Core XII	Sport nutrition	50	100	150	4
	FSNT3104	Core XII (P)	Sport nutrition lab	25	50	75	2
	FSNT3201	DSE-I	Housekeeping	50	100	150	4
	FSNT3202	DSE-I (P)	Housekeeping lab	25	50	75	2
	FSNT3203	DSE-II	Nutritional assessment and surveillance	50	100	150	4
	FSNT3204	DSE-II (P)	Nutritional assessment and surveillance lab	25	50	75	2
	VALU0119	AEC	Aptitude-I	25	50	75	2
	VALU0123	AEC	Professional Communications-I	25	50	75	2
	FNMP3101	Core	Minor Group Project on Food Science and Nutrition	50	50	100	2
			Total	400	750	1150	30
6th Sem	FSNT3105	Core XIII	Advanced Dietetics	50	100	150	4
	FSNT3106	Core XIII (P)	Advanced Dietetics Lab	25	50	75	2
	FSNT3107	Core XIV	Food standard and quality	50	100	150	4
	FSNT3108	Core XIV (P)	Food standard and quality Lab	25	50	75	2
	FSNT3205	DSE-III	Personnel management	50	100	150	4
	FSNT3206	DSE-III (P)	Personnel management Lab	25	50	75	2
	VALU0136	AEC	Aptitude-II	25	50	75	2
	VALU0140	AEC	Professional Communications-II	25	50	75	2
	FNMP3102	Core	Major Individual Project on Food Science and Nutrition	100	100	200	4
			Total	375	650	1025	26
			Grand Total after six semesters	2025	3875	5900	155

List of Core modules (Each module consists 6 credits, Theory + Lab or Tutorial)

FSNT 1101 & FSNT 1102: FOOD SCIENCE & LAB
FSNT 1103 & FSNT 1104: HUMAN NUTRITION & LAB
FSNT 1105 & FSNT 1106: HUMAN PHYSIOLOGY & LAB
FSNT 1107 & FSNT 1108: NUTRITION THROUGH LIFE CYCLE & LAB
FSNT 2101 & FSNT 2102: FOOD SERVICE MANAGEMENT-I & LAB
FSNT 2103 & FSNT 2104: FOOD PROCESSING AND PRESERVATION & LAB
FSNT 2105 & FSNT 2106: PRINCIPLE OF RESOURCE MANAGEMENT & LAB
FSNT 2107 & FSNT 2108: FOOD MICROBIOLOGY & LAB
FSNT 2109 & FSNT 2110: FOOD SERVICE MANAGEMENT-II & LAB
FSNT 2111 & FSNT 2112: PRINCIPLE OF INTERIOR DECORATION & LAB
FSNT 3101 & FSNT 3102: BASIC DIETETICS & LAB
FSNT 3103 & FSNT 3104: SPORTS NUTRITION & LAB
FSNT 3105 & FSNT 3106: ADVANCED DIETETICS & LAB
FSNT 3107 & FSNT 3108: FOOD STANDARD AND QUALITY CONTROL & LAB

List of Generic Elective modules (Each module consists of 6 credits, Theory + Lab)

Choose four of the following

STAT0301 & STAT0302: DESCRIPTIVE STATISTICS & LAB
STAT0303 & STAT0304: BIOSTATISTICS & LAB
STAT0305 & STAT0306: COMPUTATIONAL STATISTICS & LAB
STAT0307 & STAT0308: APPLIED STATISTICS & LAB

List of Discipline Specific Elective modules (Each module consists of 6 credits, Theory + Lab)

Choose any three of the following (DSE-I to DSE-VI)

FSNT 3201 & FSNT 3202: HOUSE KEEPING & LAB
FSNT 3203 & FSNT 3204: NUTRITIONAL ASSESSMENT AND SURVEILLANCE & LAB
FSNT 3205 & FSNT 3206: PERSONNEL MANAGEMENT & LAB
FSNT 3207 & FSNT 3208: BIOCHEMISTRY & LAB
FSNT 3209 & FSNT 3210: CONSUMER ECONOMICS & LAB
FSNT 3211 & FSNT 3212: FUNDAMENTALS OF TEXTILES & LAB