

# **PDM UNIVERSITY**

## **Faculty of Life Sciences** **Department of Nutrition and Dietetics** **B.Sc. (Hons.) Nutrition and Dietetics**

**THREE YEAR FULL TIME PROGRAMME**



**PDM UNIVERSITY BHADURGARH**  
**DELHI- NCR**



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

## Details of Course: B.Sc. (Hons.) Nutrition and Dietetics

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### Course Structure Credits (Theory + Practical)

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<b>I Core Courses (14 Papers)</b>	14 x 04 = 56
Core Course Practicals	14 x 02 = 28
Minor projects	01 x 02 = 02
Major Projects	01 x 04 = 04

<b>II Elective Courses (07 Papers)</b>	
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

<b>III Ability Enhancement Courses (AEC)</b>	
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

<b>IV Skill Enhancement Course</b>	02 x 02 = 04
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**Total Credits = 155**

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**B.Sc. (Hons.) Nutrition and Dietetics**  
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**PROGRAMME STRUCTURE**

Sem	Module Code	Module Type	Module Name	Marks			Credits
				Internal	External	Total	
1 <sup>st</sup> 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
			<b>Total</b>	<b>275</b>	<b>550</b>	<b>825</b>	<b>22</b>
2 <sup>nd</sup> 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
		<b>Total</b>	<b>300</b>	<b>575</b>	<b>875</b>	<b>23</b>	
3 <sup>rd</sup> 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 VI	Principle of resource management	50	100	150	4
	FSNT2106	Core VI (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
			<b>Total</b>	<b>325</b>	<b>650</b>	<b>975</b>	<b>26</b>

4 <sup>th</sup> 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
	FSNT2113	Core X	Public Health & Nutrition	50	100	150	4
	FSNT2114	Core X (P)	Public Health & Nutrition 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
			<b>Total</b>	<b>350</b>	<b>700</b>	<b>1050</b>	<b>28</b>
5 <sup>th</sup> Sem	FSNT3103	Core XI	Sport nutrition	50	100	150	4
	FSNT3104	Core XI (P)	Sport nutrition lab	25	50	75	2
	FSNT3109 / FSNT3101	Core XII	Diet Therapy / Basic Dietetics	50	100	150	4
	FSNT3110 / FSNT3102	Core XII (P)	Diet Therapy / Basic Dietetics 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
	FNMP3103	Core	Minor Group Project on Dietetics	50	50	100	2
			<b>Total</b>	<b>400</b>	<b>750</b>	<b>1150</b>	<b>30</b>
	6 <sup>th</sup> Sem	FSNT3107	Core XIII	Food standard and quality	50	100	150
FSNT3108		Core XIII (P)	Food standard and quality Lab	25	50	75	2
FSNT3111 / FSNT3105		Core XIV	Clinical Dietetics / Advanced Dietetics	50	100	150	4
FSNT3112 / FSNT3106		Core XIV (P)	Clinical Dietetics / Advanced Dietetics 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
FNMP3104		Core	Major Individual Project on Dietetics	100	100	200	4
			<b>Total</b>	<b>375</b>	<b>650</b>	<b>1025</b>	<b>26</b>
		<b>Grand Total after six semesters</b>	<b>2025</b>	<b>3875</b>	<b>5900</b>	<b>155</b>	

**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 & 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 2113 & FSNT 2114: PUBLIC HEALTH AND NUTRITION & LAB  
FSNT 3103 & FSNT 3104: SPORTS NUTRITION & LAB  
FSNT 3109 & FSNT 3110: DIET THERAPY & LAB  
FSNT 3107 & FSNT 3108: FOOD STANDARD AND QUALITY CONTROL & LAB  
FSNT 3111 & FSNT 3112: CLINICAL DIETICS & 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