



Re-Accredited 'B++' 2.86 CGPA by NAAC

VEER NARMAD SOUTH GUJARAT UNIVERSITY

University Campus, Udhna-Magdalla Road, SURAT - 395 007, Gujarat, India.

વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી

યુનિવર્સિટી કેમ્પસ, ઉધના-મગદલા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.

Tel : +91 - 261 - 2227141 to 2227146, Toll Free : 1800 2333 011, Digital Helpline No.- 0261 2388888

E-mail : info@vnsgu.ac.in, Website : www.vnsgu.ac.in

સંદર્ભ:યુનિવર્સિટી પરિપત્ર ક્રમાંક/એસ./સાયન્સ/પરિપત્ર/૨૧૫૪/૨૦૨૩ તા.૧૮/૦૮/૨૦૨૩

-: પરિપત્ર :-

વિજ્ઞાન વિદ્યાશાખા હેઠળની સંલગ્ન બી.એસસી. હોમસાયન્સ વિષયની કોલેજોનાં આચાર્યશ્રીઓને જણાવવાનું કે, NEP-2020 અંતર્ગત શૈક્ષણિક વર્ષ ૨૦૨૩-૨૪ થી અમલમાં આવનાર B.Sc.Home Science નું સુધારેલ માળખું હોમસાયન્સ વિષયની અભ્યાસ સમિતિના ચેરમેનશ્રીએ અભ્યાસ સમિતિવતી મંજૂર કરી વિજ્ઞાન વિદ્યાશાખાને કરેલ ભલામણ વિજ્ઞાન વિદ્યાશાખાના અધ્યક્ષશ્રીએ વિદ્યાશાખાની મંજૂરીની અપેક્ષાએ વિદ્યાશાખાવતી મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ એકેડેમિક કાઉન્સિલની તા.૦૭/૦૮/૨૦૨૩ ની સભાના ઠરાવ ક્રમાંક: ૯૯ અન્વયે માન.કુલપતિશ્રીને આપેલ સત્તા અંતર્ગત માનનીય કુલપતિશ્રી દ્વારા મંજૂર કરેલ છે. જેનો અમલ કરવા આથી જાણ કરવામાં આવે છે.

(બિડાણ: ઉપર મુજબ)

ક્રમાંક : એસ./સાયન્સ/પરિપત્ર/૨૮૬૪૫/૨૦૨૩
તા.૦૭-૧૧-૨૦૨૩

Wife
કુલસચિવ

પ્રતિ,

- ૧) વિજ્ઞાન વિદ્યાશાખા હેઠળની સંલગ્ન તમામ કોલેજોનાં આચાર્યશ્રીઓ.
..... આપશ્રીની કોલેજના સંબંધિત શિક્ષકોને જાણ કરી અમલ કરવા સારું.
- ૨) અધ્યક્ષશ્રી,વિજ્ઞાન વિદ્યાશાખા.
- ૩) પરીક્ષા નિયામકશ્રી,પરીક્ષા વિભાગ,વીર નર્મદ દ. ગુ.યુનિવર્સિટી, સુરત.
- ૪) એકેડેમિક વિભાગ,વીર નર્મદ દ. ગુ.યુનિવર્સિટી, સુરત.
.....તરફ જાણ તેમજ અમલ સારું.

SCIENCE FACULTY

B.Sc. Home Science (Major: Food Science & Nutrition)

Proposed New Credit Frame Work as per the NEP for 4-year UG Degree with Honours and Honours with Research

Proposed New Credit Frame Work as per the NEP for 4-year UG Degree with Research Project

SEM	Major		Minor		Multi-disciplinary	AEC	SEC	VAC	Internship	Research Project/ On the Job Training	Total Credit
	Theory	Practical	Theory	Practical	T/T+P		T/P/T+P				
1	3+3	1+1	2	2	(2+2)/ (1+1)+(1+1)	2	2/2/ 1+1	2		-	22
2	3+3	1+1	2	2	(2+2)/ (1+1)+(1+1)	2	2/2/ 1+1	2		-	22
3	2+2+2	2+2+2	0	0	(2+2)/ (1+1)+(1+1)	2	2/2/ 1+1	2		-	22
4	2+2+2	2+2+2	2	2	-	2	2/2/ 1+1	2		-	22
5	2+2+2	2+2+2	2+2	2+2	-	-	2/2/ 1+1	-		-	22
6	2+2+2	2+2+2	2	2	-	2	-	-	4	-	22
Total Credit	32	32	12	12	12	10	10	8	4	-	132
	64		24								
7	2+2+2	2+2+2	2	2	-	-	-	-		6	22
8	2+2+2	2+2+2	2	2	-	-	-	-		6	22
Total Credit	44	44	16	16	12	10	10	8	4	12	176
	88		32								

* For Theory; 1 credit = 1 hr. for Practical; 1 credit = 2 hr. & for Research Project/Dissertation; 1 credit = 2 hr.


Summer internship of 04 credit is required only if the student wish to exit after 1st, 2nd, or 3rd year. It is over and above in addition to the total credit

Sem	Course code	Course Category	Paper Title	Theory/ Practical	Credit
I	BFSNTCC01	Major Course	Fundamentals of Food Science & Nutrition	Theory	3
	BFSNPCC01		Fundamentals of Food Science & Nutrition	Practical	1
	BFSNTCC02		Applied Science I	Theory	3
	BFSNPCC02		Applied Science I	Practical	1
	BFSNTMC01	Minor Course	Foundation of Art & Design	Theory	2
	BFSNPMC01		Foundation of Art & Design	Practical	2
	BFSNMDCT01	Multi-disciplinary Course	Logical & Mathematical Reasoning	Theory	2
	BFSNMDCP01		Logical & Mathematical Reasoning	Practical	2
	BFSNAECT01	Ability Enhancement Course	English Proficiency and Life Skills (English)	Theory	2
	BFSNSECT01	Skill Enhancement	Nutrition & Fitness	Theory	1
	BFSNSECP01		Nutrition & Fitness	Practical	1
	BFSNVACT01	Value Added Course	Bharatiya Knowledge System (BKS)	Theory	2
				NCC/NSS/Physical Training/Saptadhara	
	TOTAL CREDIT				22

Sem	Course code	Course Category	Paper Title	Theory/ Practical	Credit	
II	BFSNTCC03	Major Course	Nutrition During Lifespan	Theory	3	
	BFSNPCC03		Nutrition During Lifespan	Practical	1	
	BFSNTCC04		Applied Science II	Theory	3	
	BFSNPCC04		Applied Science II	Practical	1	
	BFSNTMC02	Minor Course	Introduction to Clothing & Textiles	Theory	2	
	BFSNPMC02		Introduction to Clothing & Textiles	Practical	2	
	BFSNMDCT02	Multi-Disciplinary Course	Vedic Nutrition	Theory	2	
	BFSNMDCP02		Vedic Nutrition	Practical	2	
	BFSNAECT02	Ability Enhancement Course	English Proficiency and Life Skills (English)	Theory	2	
	BFSNSECP02	Skill Enhancement	Computer Application in Nutrition	Practical	2	
	BFSNVACT02	Value Added Course	Bharatiya Knowledge System (BKS)	Theory	2	
				NCC/NSS/Physical Training/Saptadhara		
		TOTAL CREDIT				22

➔ Exit option with Certificate in Food Science & Nutrition (44 Credits)

Exit option with Certificate in Food Science & Nutrition With Internship- 4 Credits (48 Credits)

Sem	Course code	Course Category	Paper Title	Theory/ Practical	Credit
III	BFSNTCC05	Major Course	Food Science I	Theory	2
	BFSNPCC05		Food Science I	Practical	2
	BFSNTCC06		Human Physiology	Theory	2
	BFSNPCC06		Human Physiology	Practical	2
	BFSNTCC07		Community Nutrition	Theory	2
	BFSNPCC07		Community Nutrition	Practical	2
	BFSNMDCT03	Multi-Disciplinary Course	Food Microbiology	Theory	2
	BFSNMDCP03		Food Microbiology	Practical	2
	BFSNAECT03	Ability Enhancement Course	Written & Spoken Communication Skills.(English)	Theory	2
	BFSNSECP03	Skill enhancement Course	Sensory evaluation	Practical	2
	BFSNVACP03	Value Added Course	Basics of Statistics	Practical	2
			NCC/NSS/Physical Training/Saptadhara		
	TOTAL CREDITS				
Sem	Course code	Course Category	Paper Title	Theory/ Practical	Credit
IV	BFSNTCC08	Major Course	Food Science II	Theory	2
	BFSNPCC08		Food Science II	Practical	2
	BFSNTCC09		Food Safety & Quality Control	Theory	2
	BFSNPCC09		Food Safety & Quality Control	Practical	2
	BFSNTCC10		Food Preservation	Theory	2
	BFSNPCC10		Food Preservation	Practical	2
	BFSNTMC07	Minor Course	Maternal, Child Nutrition & Health	Theory	2
	BFSNPMC07		Maternal, Child Nutrition & Health	Practical	2
	BFSNMDCT04	Ability Enhancement Course	Written & Spoken Communication Skills (English)	Theory	2
	BFSNSECP04	Skill Enhancement Course	Bakery Science	Practical	2
	BFSNVACP04	Value Added Course	Research Methodology	Practical	2
			NCC/NSS/Physical Training/Saptadhara		
	TOTAL CREDITS				
 Exit option with Diploma in Food Science & Nutrition (88 Credits)					
Exit option with Diploma in Food Science & Nutrition With Internship- 4 Credits (96 Credits)					

Sem	Course code	Course Category	Paper Title	Theory/ Practical	Credit
V	BFSNTCC11	Major Course	Diet Therapy I	Theory	2
	BFSNPCC11		Diet Therapy I	Practical	2
	BFSNTCC12		Advance Chemistry	Theory	2
	BFSNPCC12		Advance Chemistry	Practical	2
	BFSNTCC13		Human Nutrition I	Theory	2
	BFSNPCC13		Human Nutrition I	Practical	2
	BFSNTMC08	Minor Course	Dietetic Techniques & Patient Counseling	Theory	2
	BFSNPMC08		Dietetic Techniques & Patient Counseling	Practical	2
	BFSNTMC09		Food Processing	Theory	2
	BFSNPMC09		Food Processing	Practical	2
	BFSNAECP05	Skill Enhancement Course	Food Product Development	Practical	2
			NCC/NSS/Physical Training/Saptadhara		
	TOTAL CREDITS				22

--	--	--	--	--	--

Sem	Course code	Course Category	Paper Title	Theory/ Practical	Credit	
VI	BFSNTCC12	Major Course	Diet Therapy II	Theory	2	
	BFSNPCC12		Diet Therapy II	Practical	1	
	BFSNTCC13		Nutritional Biochemistry II	Theory	2	
	BFSNPCC13		Nutritional Biochemistry II	Practical	1	
	BFSNTCC14		Human Nutrition II	Theory	2	
	BFSNPCC14		Human Nutrition II	Practical	1	
	BFSNTMC10	Minor Course	Food Analysis	Theory	2	
	BFSNPMC10		Food Analysis	Practical	2	
	BFSNSECP05	Ability Enhancement Course	Nutritional Assessment & Surveillance	Practical	2	
	BFSNPINT01	Internship	Internship	Practical	4	
			NCC/NSS/Physical Training/Saptadhara			
		TOTAL CREDITS				22

➔ Exit option with Bachelors of Science in Food Science & Nutrition (132 Credits)

Sem	Course code	Course Category	Paper Title	Theory/ Practical	Credit
VII	BFSNTCC15	Major Course	Medical Nutrition Therapy I	Theory	2
	BFSNPCC15		Medical Nutrition Therapy I	Practical	2
	BFSNTCC16		Physiology & Clinical Biochemistry	Theory	2
	BFSNPCC16		Physiology & Clinical Biochemistry	Practical	2
	BFSNTCC17		Principles & Applications of Instruments & Techniques	Theory	2
	BFSNPCC17		Principles & Applications of Instruments & Techniques	Practical	2
	BFSNPMC11	Minor Course	Recent Advances in Food Science & Nutrition – I (Seminar)	Practical	2
	BFSNDCC01	Dissertation	Research project/ Dissertation	Practical	6
			NCC/NSS/Physical Training/Saptadhara		
		TOTAL CREDITS		22	
Sem	Course code	Course Category	Paper Title	Theory/ Practical	Credit
VIII	BFSNTCC18	Major Course	Medical Nutrition Therapy- II	Theory	4
	BFSNTCC18		Innovative Food Formulations & Evaluation	Theory	4
	BFSNTCC19		Advance Statistics in Research Methodology	Theory	4
	BFSNPCC19		Advance Statistics in Research Methodology	Theory	1
	BFSNTMC11	Minor Course	Recent Advances in Food Science & Nutrition – II (Seminar)	Theory	2
	BFSNDCC02	Dissertation	Research project/ Dissertation	Practical	6
			TOTAL CREDITS		22
➔ Exit option with Bachelors of Science in Food Science & Nutrition Honors with Research Project (176 Credits)					

BFSNTCC- BACHELORS IN FOOD SCIENCE & NUTRITION THEORY CORE COURSE

BFSNPCC- BACHELORS IN FOOD SCIENCE & NUTRITION PRACTICAL CORE COURSE

BFSNTMC- BACHELORS IN FOOD SCIENCE & NUTRITION THEORY MINOR COURSE

BFSNPMC- BACHELORS IN FOOD SCIENCE & NUTRITION PRACTICAL MINOR COURSE

BFSNTAEC- BACHELORS IN FOOD SCIENCE & NUTRITION THEORY ABILITY ENHANCEMENT COURSE

BFSNPSEC- BACHELORS IN FOOD SCIENCE & NUTRITION PRACTICAL SKILL ENHANCEMENT COURSE

BFSNTVAC- - BACHELORS IN FOOD SCIENCE & NUTRITION THEORY VALUE ADDED COURSE

BFSNPVAC- - BACHELORS IN FOOD SCIENCE & NUTRITION PRACTICAL VALUE ADDED COURSE

BFSNTMDC- BACHELORS IN FOOD SCIENCE & NUTRITION THEORY MULTI-DISCIPLINARY COURSE

BFSNPMDC- BACHELORS IN FOOD SCIENCE & NUTRITION PRACTICAL MULTI-DISCIPLINARY COURSE

BFSNDCC- BACHELORS IN FOOD SCIENCE & NUTRITION DISSERTATION CORE COURSE