

**SCHEME OF STUDIES**  
**B.SC. (HONS.) AGRI. MAJOR FOOD SCIENCE AND TECHNOLOGY**  
**(Effective from Session 2021)**

**SEMESTER-IV**

Existing				Purposed			
Course #	Title	Credit Hours	Course Type	Course #	Title	Credit Hours	Course Type
FST-402	Essentials of Food Science & Technology	FST-402	Compulsory	FST-402	Essentials of Food Science and Technology	FST-402	Compulsory

**SEMESTER-IV**

Existing				Purposed			
Course #	Title	Credit Hours	Course Type	Course #	Title	Credit Hours	Course Type
FST-408	Food Quality Management	2(2-0)	Elective				
				FST-404	Community Nutrition and Dietetics	2(2-0)	Elective
FST-412	Poultry and Egg Processing	3(2-1)	Elective	FST-406	Poultry and Egg Processing	3(2-1)	Elective

**SEMESTER-V**

Existing				Purposed			
Course #	Title	Credit Hours	Course Type	Course #	Title	Credit Hours	Course Type
FST-501	Principles of Human Nutrition	3(3-0)	Major	FST-501	Principles of Human Nutrition	3(3-0)	Major
FST-503	Food Microbiology	3(2-1)	Major	FST-503	Food Microbiology	3(2-1)	Major
FST-505	Fruit and Vegetable Processing	3(2-1)	Major	FST-505	Fruit and Vegetable Processing	3(2-1)	Major
FST-507	Dairy Technology	3(2-1)	Major	FST-507	Dairy Technology	3(2-1)	Major
FST-509	Cereal Technology	3(2-1)	Major	FST-509	Cereal Technology	3(2-1)	Major
FST-511	Food Analysis and Sensory Evaluation	3(2-1)	Major	FST-511	Food Analysis and Sensory Evaluation	3(2-1)	Major
FST-513	Food Plant Layout	2(2-0)	Major				
				FST-513	Beverage Technology	2(2-0)	Major
<b>Total Credit Hours 20</b>				<b>Total Credit Hours 20</b>			

**SEMESTER-VI**

Existing				Purposed			
Course #	Title	Credit Hours	Course Type	Course #	Title	Credit Hours	Course Type
FST-502	Food Chemistry	3(3-0)	Major	FST-502	Food Chemistry	3(3-0)	Major
FST-504	Unit Operations in Food Processing	3(2-1)	Major	FST-504	Unit Operations in Food Processing	3(2-1)	Major
FST-506	Meat Technology	3(2-1)	Major	FST-506	Meat Technology	3(2-1)	Major
FST-508	Technology of Oils and Fats	3(2-1)	Major	FST-508	Technology of Oils and Fats	3(2-1)	Major
FST-510	Food Toxicology & Safety	3(3-0)	Major	FST-510	Food Toxicology and Safety	3(3-0)	Major
FST-512	Beverage Technology	2(2-0)	Major				
				FST-512	Extrusion Technology and Snack Food	3(2-1)	Major
FMP-502	Food Process Engineering-I	3(2-1)	Supporting				

				FST-514	Sugar Technology and Confectionary	2(2-0)	Major
<b>Total credit hours 20</b>				<b>Total credit hours 20</b>			

**SEMESTER-VII (Students will opt for 12 credit hours from elective courses)**

Existing				Purposed			
Course #	Title	Credit Hours	Course Type	Course #	Title	Credit Hours	Course Type
FST-601	Instrumental Techniques in Food Analysis	3(1-2)	Major	FST-601	Instrumental Techniques in Food Analysis	3(1-2)	Major
FST-607	Food Product Development	3(1-2)	Major				
				FST-603	Food Safety and Quality Management	3(3-0)	Major
FST-611	Research Projects and Scientific Writing	2(1-1)	Major	FST-611	Research Projects and Scientific Writing	2(1-1)	Major
<b>Total Credit Hours 08</b>				<b>Total Credit Hours 08</b>			
FST-603	Outreach in Food Science and Technology	3(2-1)	Elective	FST-605	Outreach in Food Science and Technology	3(2-1)	Elective
FST-605	Sugar Technology and Confectionary	3(2-1)	Elective				
				FST-607	Food Laws and Regulations	3(3-0)	Elective
FST-609	Food Packaging	3(3-0)	Elective	FST-609	Food Packaging	3(3-0)	Elective
				FST-613	Food Product Development	3(1-2)	Elective
FST-613	Community Nutrition & Dietetics	3(2-1)	Elective				
FST-615	Bakery Products Technology	3(2-1)	Elective	FST-615	Bakery Products Technology	3(2-1)	Elective
				FST-617	Food Plant Layout	3(3-0)	Elective
FST-617	Extrusion Technology and Snack Food	3(2-1)	Elective				
FST-619	Food Safety and Quality Management	3(3-0)	Elective				
				FST-619	Food Process Engineering	3(3-0)	Elective
FST-621	Food Biotechnology	3(2-1)	Elective	FST-621	Food Biotechnology	3(2-1)	Elective
FMP-601	Food Process Engineering-II	3(2-1)	Elective				
I&D-601	Fluid Mechanics	3(2-1)	Elective				
<b>Total Credit Hours 20</b>				<b>Total Credit Hours 20</b>			

**SEMESTER-VIII**

Existing				Purposed			
Course #	Title	Credit Hours	Course Type	Course #	Title	Credit Hours	Course Type
FST-602	Internship	6(0-6)	Major	FST-602	Internship	6(0-6)	Major

