

M.Sc. (Food Science & Technology)

Total credits = 80

YEAR	FIRST SEMESTER						SECOND SEMESTER					
	Course Code	Course Name	L	T	P	C	Course Code	Course Name	L	T	P	C
I	BIO6111	Food and Dairy Microbiology	3	1	0	4	BIO6211	Food Chemistry and Nutrition	3	1	0	4
	BIO6112	Fermentation Technology	3	1	0	4	BIO6212	Analytical Techniques of Food Technology	3	1	0	4
	BIO6113	Industrial Food Technology	2	1	0	3	BIO6213	Functional Foods and Nutraceuticals	2	1	0	3
	BIO6114	Seminar	0	0	0	2	MAS6205	Research Methodology and Technical Writing	2	1	0	3
	BIO6135	Food and Dairy Microbiology Lab	0	0	6	2	BIO6235	Food Chemistry and Nutrition Lab	0	0	6	2
	BIO6136	Fermentation Technology Lab	0	0	6	2	BIO6236	Analytical Techniques of Food Analysis Lab	0	0	6	2
							****	Open elective/MOOC	2	1	0	3
							BIO6214	Industrial Internship	0	0	0	1
			08	03	12	17			1 2	05	12	22
		Total Contact Hours (L + T + P)		25			Total Contact Hours (L+T+P)	28				
YEAR	THIRD SEMESTER						FOURTH SEMESTER					
II	BIO7111	Food Processing and Preservation Technology	2	1	0	3	BIO7211	Dissertation/Project work	-	-	-	16
	BIO7112	Natural Food Additives (Flavors, Enzymes and Colorants)	2	1	0	3						
	BIO7113	Food packaging and supply chain	2	1	0	3						
	MAS7117	Statistics for Biologists	2	1	0	3						
	BIO7135	Food Processing and Preservation Lab	0	0	6	2						
	BIO7136	Natural Food Additives Lab	0	0	6	2						
	BIO7137	Food packaging and supply chain Lab	0	0	3	1						
	****	Discipline specific elective-I	3	1	0	4						
	****	Discipline specific elective-I	3	1	0	4						
		14	06	15	25							
	Total Contact Hours (L + T + P)		35			Total credit	16					

Discipline Specific Electives (DSE)

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Discipline Specific Electives- 1

- **BIO7146: Intellectual Property Rights [3104]**
- **BIO7147: Fundamentals of Nutrition**
- **BIO7148: Species and Flavor Technology**
- **BIO7149: Advance Food Analysis**

Discipline Specific Electives- 2

- **BIO7150: Entrepreneurship in Food Processing**
- **BIO7151: Food Product Development**

****** Open elective/MOOC [0021]**