

B SC FOOD TECHNOLOGY AND QUALITY ASSURANCE

SEMESTER I

Course Code	Course Name	Course Type	Hours per week	Syllabus content-Location in MG University website
EN1CCT 01	Communication skills in English	Common	5	https://www.mgu.ac.in/uploads/2018/08/NEW-REVISED-B_Com_Common_Courses-2017_1-1.pdf?x18683
FT1CRT 01	Introduction to Food Technology	core	4	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT1CRT 02	Biochemistry	core	4	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT1CRT 03	Food Processing Technology	core	4	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
CH1CM T01	Basic Theoretical & Analytical Chemistry	Complementary	2	https://www.mgu.ac.in/uploads/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683
CH2CM P01	Practical Complementary Chemistry- Volumetric Analysis	Complementary (Practical) (Exam only at the end of II SEM)	2	https://www.mgu.ac.in/uploads/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683
ZY1CM T02	Animal Diversity: Non-Chordata	Complementary	2	https://www.mgu.ac.in/uploads/2023/03/B-Sc-Zoology.pdf?x18683
ZY2CM P02	Practical Complementary Zoology- Animal Diversity: Non-Chordata	Complementary (Practical) (Exam only at the end of II SEM)	2	https://www.mgu.ac.in/uploads/2023/03/B-Sc-Zoology.pdf?x18683
Total			25	

SEMESTER II

Course Code	Course Name	Course Type	Hours per week	Syllabus content-Location in MG University website
FT2CRT01	Food Engineering	Core	4	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT2CRT02	Food Microbiology	Core	4	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT2CRP03	Food Microbiology Practical	Core	4	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
EN2CCT02	Critical Thinking, Academic Writing & Presentation	Common	5	https://www.mgu.ac.in/uploads/2018/08/NEW-REVISED-B_Com_Common_Courses-2017_1_-_1_.pdf?x18683
CH2CMT01	Basic Organic Chemistry	Complementary	2	https://www.mgu.ac.in/uploads/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683
CH2CMP01	Practical	Complementary	2	https://www.mgu.ac.in/uploads/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683

	Complementary Chemistry- Volumetric Analysis	y (Practical)		s/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683
ZY2CMT02	Animal Diversity: Chordata	Complementary	2	https://www.mgu.ac.in/uploads/2023/03/B-Sc-Zoology.pdf?x18683
ZY2CMP02	Practical Complementary Zoology- Animal Diversity: Chordata	Complementary (Practical)	2	https://www.mgu.ac.in/uploads/2023/03/B-Sc-Zoology.pdf?x18683
			25	

SEMESTER III

Course Code	Course Name	Course Type	Hours per week	Syllabus content-Location in MG University website
FT3CRT01	Dairy Technology	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT3CRT02	Food Analytical Instrumentation	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT3CRT03	Food Packaging Technology	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT3OJ01	On-the-Job Industrial Training-I		-	

CH3CM T01	Advanced Inorganic and Organic Chemistry	Complementary	3	https://www.mgu.ac.in/uploads/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683
CH4CM P01	Practical Complementary Chemistry- Organic Chemistry	Complementary (Practical) (Exam only at the end of IV Sem)	2	https://www.mgu.ac.in/uploads/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683
ZY3CM T02	Human Physiology & Immunology		3	https://www.mgu.ac.in/uploads/2023/03/B-Sc-Zoology.pdf?x18683
ZY4CM P02	Practical Complementary - Human Physiology	Complementary (Practical) (Exam only at the end of IV Sem)	2	https://www.mgu.ac.in/uploads/2023/03/B-Sc-Zoology.pdf?x18683
			25	

SEMESTER IV

Course Code	Course Name	Course Type	Hours per week	Syllabus content-Location in MG University website
FT4CRT01	Principles of Food Spoilage & Preservation	Core	4	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT4CRT02	Food Chemistry	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT4CRP03	Food Chemistry Practical	Core	6	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
CH4CMT01	Advanced Bio-Organic Chemistry	Complementary	3	https://www.mgu.ac.in/uploads/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683
CH4CMP01	Practical	Complementary	2	https://www.mgu.ac.in/uploads/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683

	Complementary Chemistry- Organic Chemistry	ry (practical)		s/2023/03/B_Sc_-Chemistry-final-website.pdf?x18683
ZY4CMT02	Applied Zoology (Aquaculture, Sericulture, Vermiculture & Apiculture)	Complementary	3	https://www.mgu.ac.in/uploads/2023/03/B-Sc-Zoology.pdf?x18683
ZY4CMP02	Practical Complementary-Human Physiology & Immunology and Applied Zoology	Complementary (practical)	2	https://www.mgu.ac.in/uploads/2023/03/B-Sc-Zoology.pdf?x18683
			25	

SEMESTER V

Course Code	Course Name	Course Type	Hours per week	Syllabus content-Location in MG University website
FT5CRT01	Technology of Beverages & Confectionaries	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT5CRT02	Technology of Fruits & Vegetables	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT5CRT03	Cereal Chemistry	Core	6	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT5CRT04	Sensory Evaluation of Food	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_-Food-Technology-and-Quality-Assurance-2017.pdf?x18683

ES5CRT05	Environmental Studies and Human Rights	Core	5	
	Generic Elective	GE	4	
FT5OJ02	On-the-Job Industrial Training-II			
			30	

SEMESTER VI

Course Code	Course Name	Course Type	Hours per week	Syllabus content-Location in MG University website
FT6CRT01	Food Safety & Quality Assurance	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT6CRT02	Technology of Meat, Fish & Poultry Products	Core	4	https://www.mgu.ac.in/uploads/2017/11/B_Sc_Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT6CRT03	Food Analysis	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_Food-Technology-and-Quality-Assurance-2017.pdf?x18683
FT6CRP04	Food Analysis Practical	Core	5	https://www.mgu.ac.in/uploads/2017/11/B_Sc_Food-Technology-and-Quality-Assurance-2017.pdf?x18683

				Assurance-2017.pdf?x18683
	Choice Based Core Elective	CBC ELECTI VE	5	
FT6PR01	Project/Disser tation			
			24	