

Bachelor of Food Science and Technology (FST)

No.	Module code	Module title in English	ECTS
I	Core modules		
1.1	Core general training modules		
1	BIO1.001	Cell Biology	4
2	BIO1.002	Genetics	3
3	CHE1.003	Organic Chemistry 1	4
4	MAT1.001	Calculus 1	4
5	PHY1.001	Fundamental Physics 1	4
6	CHE1.001	General Chemistry 1	4
7	CHE1.002	General Chemistry 2	4
8	BIO1.003	Biochemistry 1	3
9	BIO1.004	General microbiology	3
10	ICT1.001	Introduction to informatics	3
1.2	Core specialized modules		
11	FST2.004	Introduction to Food Science and Technology	3
12	FST2.007	Nutrition and Metabolism	3
13	FST2.008	Food Physics	3
14	FST2.009	Food Microbiology	3
15	FST2.010	Food Enzymology	3
16	FST2.011	Food Toxicology	3
17	FST2.026	Food Safety	2
18	FST2.006	Food Chemistry	3
19	FST2.012	Process and equipment in food technology 1	3
20	FST2.018	Process and equipment in food technology 2	3
21	FST2.025	Practical in Food chemistry	2
22	FST2.014	Food Microbiological Analysis	3
23	FST2.024	Compositional Food Analysis	2
24	FST3.005	Sensory evaluation of food products	2
25	FST3.034	Technology of protein-rich products	3
26	FST3.010	Beverage Technology	2
27	FST3.035	Technology of Carbohydrate and Lipid-rich Products	3
28	FST3.011	Aroma and food additives	2

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29	FST3.033	Technology of products from tropical plants	3
30	BIT3.012	Fermentation technology	2
31	FST3.013	Food Quality Management	3
32	FST3.040	Traceability in Food Supply Chain Management	2
33	FST3.006	Practice on food technology	3
34	FST3.023	Internship	15
1.3	Core supplementary modules		
35	FR2.001	French 2.1	4
36	FR2.002	French 2.2	4
37	ENG1.012	English Academic Writing	3
38	ENG1.013	English Presentation	3
II	Optional module group 1		
39	BIT2.004	Biostatistics	3
40	FST2.017	Food legislation and regulation	3
41	FST2.016	Preservation Technology	3
42	FST2.019	Environmental safety in food industry	2
43	FST2.120	Introduction to Sustainable Agri-Food Systems	2
44	AES2.043	Environment and public health	3
45	BIT2.001	Molecular Biology	2
46	BIT2.019	Basics on Phytomedicine and Natural Product Drugs	3
47	BIT2.002	Biochemistry 2	4
48	BIT2.007	Organic Chemistry 2	3
49	AES2.041	Green Chemistry	3
50	FST3.004	Food Formulation Technology	3
51	FST3.036	Data Analysis Applications in Food Technology	3
52	FST3.015	Functional Food	2
53	FST3.037	New trends in Food Science and Technology	3
54	FST3.002	Refrigeration Technology	3
55	FST3.008	Tropical fruit and vegetable technology	3
56	FST3.019	Basic of food factory design	2
57	FST3.003	Package Technology	3
58	FST3.022	Waste water treatment in food industry	2

No.	Module code	Module title in English	ECTS
59	FST3.012	Seafood Technology	2
60	BIT3.008	Advanced Biochemistry	3
61	BIT3.026	Plants-microbes interactions	3
62	AES3.034	Environmental management and sustainable development	4
63	FST3.031	Research and development of food products	2
64	FST3.032	Global challenges in food safety and security	2
65	PHI1.001	Philosophy	3
III	Optional module group 2		
IV	Conditional modules (for Vietnamese students only)		
66	QP1.001	National defense and security education	0