Table 5-1c Curriculum of Food Engineering Technology (2020)

No.	Department / Faculty	Course			Required, Elective, or a Selective Elective	*Curricular Area (Credit Hours)*				Last Two Terms the Course was Offered: Year and Semester, or Quarter	Average Section Enrollment for the last two terms the course was offered[1]
		Code	Number	Name		Math & Basic Sciences	Discipline Specific Topics	General Education	Other		
1.1	Faculty of Political Theories	MAXLE	2112012	Philosophy of Marxism and Leninism	R			3		Fall 2020	60 - 90
1.2	Faculty of Political Theories	MAXLE	2112013	Political Economics of Marxism and Leninism				2		Fall 2020	60 - 90
1.3	Faculty of fundamental science	MATH1	2113431	Calculus 1	R	2				Fall 2020	60 - 90
1.4	Center of national defense and physical education	PEDU1	2120405	Physical education 1	R				2	Fall 2020	60 - 90
1.5	Center of national defense and physical education	DEDU1	2120501	National defense Education and Security 1	R				4	Fall 2020	60 - 90
1.6	Faculty of Law	GLAWS	2131472	General law	R			2		Fall 2020	60 - 90
1.7	Student counseling and support center	SSKIL	2132001	Teamwork skills	R			2		Fall 2020	60 - 90
2.1	Center of national defense and physical education	DEDU2	2120502	National defense Education and Security 2	R				4	Spring 2021	60 - 90
2.2	Center of national defense and physical education	PEDU2	2120406	Physical education 2	R				2	Spring 2021	60 - 90
2.3	Faculty of fundamental science	MATH2	2113432	Calculus 2	R	2				Spring 2021	60 - 90
2.4	Faculty of fundamental science	MATH2	2113432	General law	R			2		Spring 2021	60 - 90
2.5	Faculty of Political Theories	RVCP	2112008	Scientific socialism	R				2	Spring 2021	60 - 90
2.6	Faculty of foreign languages	ENGL1	2111250	English 1	R			3		Spring 2021	60 - 90
2.7	Faculty of fundamental science	SELEC1.1	2113500	Physics for engineers	SE	3				Spring 2021	60 - 90
2.7	Department of Biotechnology	SELEC1.2	2104610	General chemistry	SE					Spring 2021	60 - 90
2.7	Department of Biotechnology	SELEC1.3	2505550	General biology	SE					Spring 2021	60 - 90

2.8	Faculty of fundamental science	SELEC2.4	2113434	Applied mathematics	SE					Spring 2021	60 - 90
2.8	Faculty of fundamental science	SELEC2.5	2113435	Numerical methods	SE					Spring 2021	60 - 90
2.8	Faculty of fundamental science	SELEC2.6	2113436	Complex Functions and Laplace transforms	SE	3				Spring 2021	60 - 90
2.8	Faculty of fundamental science	SELEC2.7	2113437	General physics	SE					Spring 2021	60 - 90
2.8	Faculty of fundamental science	SELEC2.8	2113438	Logics	SE					Spring 2021	60 - 90
3.1	Faculty of fundamental science	MATH3	2113460	Calculus 3	R	2				Fall 2021	60 - 90
3.2	Faculty of Chemical Engineering	ACHEM	2104604	Analytical chemistry	R	3				Fall 2021	50 - 80
3.3	Department of Biotechnology	BCHEM	2105840	Biochemistry	R	3				Fall 2021	50 - 80
3.4	Department of Biotechnology	MBIOL	2105707	Microbiology	R	3				Fall 2021	50 - 80
3.5	FET Department	FENG1	2105640	Food Engineering 1	R		3			Fall 2021	50 - 80
3.6	Faculty of Foreign languages	ENGL2	2111350	English 2	R			3		Fall 2021	50 - 80
3.7	Faculty of Political Theories	HVNCP	2112015	History of Vietnamese Communist Party	R				2	Fall 2021	50 - 80
3.8	Faculty of mechanical technology	SELEC3.1	2103454	Technical Drawing	SE					Fall 2021	50 - 80
3.8	Faculty of Electrical engineering technology	SELEC3.2	2114656	Basic electrical engineering	SE			2		Fall 2021	50 - 80
3.8	Faculty of mechanical technology	SELEC3.3	2103519	Engineering Mechanics	SE					Fall 2021	50 - 80
4.1	Department of Biotechnology	FMICR	2105785	Food microbiology	R		2			Fall 2021	50 - 80
4.2	FET Department	FCHEM	2105641	Food chemistry	R		3			Spring 2022	50 - 80
4.3	FET Department	FENG2	2105607	Food engineering 2	R		3			Spring 2022	50 - 80
4.4	FET Department	FPFET	2105608	Fundamental processes in food engineering technology	R		3			Spring 2022	50 - 80
4.5	Department of Food Quality Assurance and Food Safety	FANAL	2105606	Food Analysis	R		3			Spring 2022	50 - 80
4.6	Faculty of heat-refrigeration engineering	SELEC4.1	2118401	Thermodynamics	SE					Spring 2022	50 - 80
4.6	Faculty of heat-refrigeration engineering	SELEC4.2	2118409	Fluid mechanics	SE		3			Spring 2022	50 - 80

4.6	Faculty of chemical engineering	SELEC4.3	2103417	Tolerance and measurement technique	SE					Spring 2022	50 - 80
4.7	Faculty of Trade and Tourism	SELEC5.1	2110585	Psychology	SE			6		Spring 2022	50 - 80
4.7	Faculty of Fundamental science	SELEC5.2	2113439	Sociology	SE					Spring 2022	50 - 80
4.7	Faculty of Trade and Tourism	SELEC5.3	2111401	Introduction to Vietnam culture	SE					Spring 2022	50 - 80
4.7	Faculty of Foreign Languages	SELEC5.4	2111402	Vietnamese Language in Use	SE					Spring 2022	50 - 80
4.7	Faculty of Political Theories	SELEC5.5	2112011	Music- Music theory and guitar basics	SE					Spring 2022	50 - 80
4.7	Faculty of Garment Technology-Fashion	SELEC5.6	2106529	Fine art	SE					Spring 2022	50 - 80
4.7	IT Center	SELEC5.7	2101727	Using keyboard and office equipment skills	SE					Spring 2022	50 - 80
5.1	FET Department	F-ADD	2105612	Food Additives	R		3			Fall 2023	50 - 80
5.2	FET Department	FPROC	2105616	Food Processing Technology	R		4			Fall 2023	50 - 80
5.3	Department of Nutrition and Food Science	NUSAF	2105614	Nutrition and Food Safety	R		3			Fall 2023	50 - 80
5.4	Department of Food Quality Assurance and Food Safety	DANAL	2105916	Data analysis	R	3				Fall 2023	50 - 80
5.5	Faculty of Political Theories	HCMI	2112005	Ho Chi Minh Idealogy	R				2	Fall 2023	50 - 80
5.6	Faculty of Fundamental Science	R-MET	2113433	Research methodology	R		2			Fall 2023	50 - 80
5.7	FET Department	SELEC6.1	2105729	Protein technology	SE		3			Fall 2023	50 - 80
5.7	FET Department	SELEC6.2	2105841	Chemistry of Natural compounds	SE					Fall 2023	50 - 80
5.7	FET Department	SELEC6.3	2105443	Food physics	SE					Fall 2023	50 - 80
6.1	FET Department	M-DES	2105620	Food machine design	R		3			Spring 2024	50 - 80
6.2	FET Department	FPACK	2105619	Food packaging	R		2			Spring 2024	50 - 80
6.3	FET Department	SENSO	2105613	Sensory evaluation of foods	R		3			Spring 2024	50 - 80
6.4	FET Department	SELEC7.1	2105628	Agricultural product processing technology	SE		9			Spring 2024	50 - 80
6.4	FET Department	SELEC7.2	2105632	Animal husbandry and aquatic product processing technology	SE					Spring 2024	50 - 80

6.4	FET Department	SELEC7.3	2105630	Beverage processing technology	SE					Spring 2024	50 - 80
6.4	FET Department	SELEC7.4	2105633	Milk and dairy product processing technology	SE					Spring 2024	50 - 80
6.4	FET Department	SELEC7.5	2105631	Confectionary manufacturing technology	SE					Spring 2024	50 - 80
6.4	FET Department	SELEC7.6	2105629	Tropical product processing technology	SE					Spring 2024	50 - 80
6.4	FET Department	SELEC7.7	2105734	Food Biotechnology	SE					Spring 2024	50 - 80
6.4	FET Department	SELEC7.8	2105643	Sugar Manufacturing Technology	SE					Spring 2024	50 - 80
6.4	FET Department	SELEC7.9	2105732	Fermentation Technology	SE					Spring 2024	50 - 80
7.1	FET Department	PL-DES	2105625	Food plant design	R		3			Fall 2024	50 - 80
7.2	FET Department	PR-DES	2105440	Product Design and Development	R		2			Fall 2024	50 - 80
7.3	FET Department	QAFL	2105902	Food Quality Assurance and Food Law	R		3			Fall 2024	50 - 80
7.4	Faculty of heat-refrigeration engineering	SELEC8.1	2118439	Applied chilly engineering	SE					Fall 2024	50 - 80
7.4	Faculty of heat-refrigeration engineering	SELEC8.2	2118410	Dry engineering	SE		3			Fall 2024	50 - 80
7.4	FET Department	SELEC8.3	2105937	Shelf-life evaluation of food	SE					Fall 2024	50 - 80
7.5	FET Department	SELEC9.1	2107483	Fundamentals of Management	SE					Fall 2024	50 - 80
7.5	Faculty of Business Administration	SELEC9.2	2107510	Business Management	SE					Fall 2024	50 - 80
7.5	Faculty of accounting-auditing	SELEC9.3	2127481	Fundamental Accounting	SE					Fall 2024	50 - 80
7.5	Institute of environmental science, engineering, and management	SELEC9.4	2123800	Environment and Human	SE			6		Fall 2024	50 - 80
7.5	Faculty of Business Administration	SELEC9.5	2107492	Business Communications	SE					Fall 2024	50 - 80
7.5	Student counseling and support center	SELEC9.6	2132002	Planning skills	SE					Fall 2024	50 - 80
7.6	FET Department	SELEC10.1	2105414	Functional foods	SE		2			Fall 2024	50 - 80

7.6	FET Department	SELEC10.2	2105909	Food Toxicology	SE					Fall 2024	50 - 80
7.6	FET Department	SELEC10.3	2105746	Labor safety	SE					Fall 2024	50 - 80
8.1	FET Department	PR.DES-LAB	2105760	Product Design and Development Practice	R		2			Spring 2024	50 - 80
8.2	FET Department	FWTT	2105695	Food Waste Treatment Technology	R		3			Spring 2024	50 - 80
8.3	FET Department	MSFPT	2105626	Modeling and Simulation in Food Processing Technologies	R		3			Spring 2024	50 - 80
8.4	FET Department	INTERN	2105798	Internship	R		5			Spring 2024	1 - 15
8.5	FET Department	SELEC11.1	2105447	Production and Operation Management	SE					Spring 2024	50 - 80
8.5	FET Department	SELEC1!.2	2105623	Food marketing	SE		2			Spring 2024	50 - 80
8.5	FET Department	SELEC11.3	2105461	Food Management	SE					Spring 2024	50 - 80
9.1	FET Department	THESIS	2105799	Graduate Thesis	R		5			Fall 2025	1 - 5
OVERALL TOTAL CREDIT HOURS FOR THE DEGREE						24	85	29	18		
PERCENT OF TOTAL, %						15,4	54,5	18,6	11,5		