

Nanyang Technology University – Wageningen University and Research

Second Major in Food Science and Technology Programme

Curriculum from AY2014 to AY2020

WUR-FST Core Courses (Compulsory)				18
No	Course Code	Course Title		AU
1	CH5200	Food Microbiology		3
2	CH5201	Food Chemistry		5
3	CH5202	Food Physics		3
4	CH5203	Food Process Engineering		5
5	CH5204	Quality Systems Operations		2
NTU-FST Prescribed Electives (Choose 5)				15
No	School	Course Code	Course Title	AU
1	NIE/NSSE	AAQ10A	Principles of Nutrition	3
2	NIE/NSSE	AAQ20E	Applied Nutrition	3
3	SCCEB/BIE	BG4215	Biomedical Nanotechnology	3
4	SBS/BS	BS3012	Functional Genomics and Proteomics	3
5	SBS/BS	BS3018	Plant Biology (with laboratory)	3
6	SBS/BS	BS4015	Plant Biotechnology	3
7	SCCEB/CE	CH4213	Pharmacokinetics & Biopharmaceutics	3
8	SCCEB/CE	CH4303	Bioseparations	3
9	SCCEB/CE	CH4306	Bioanalytical Techniques	3
10	SCCEB/CE	CH5220	Food Production in Food Production and Trade	3
11	SCCEB/CE	CH5221	Food Industry Seminar Series	3
12	SCCEB/CE	CH5222	Future Foods – Introduction to Advanced Meat Alternative	3
13	SCCEB/CHEM	CM5013	Current Topics in Analytical Chemistry	3
14	SCCEB/CHEM	CM5102	Food Analysis and Safety (with laboratory)	3
Total				33

FSTP Study Plan (AY2014 – AY2020)

Year of Study	Course	AU Requirement	Year of Study	Course	AU Requirement
Y2S1	CH5201 NTU-FST PE	5 3	Y2S2	CH5200 NTU-FST PE	3 3
Y3S1	CH5203 NTU-FST PE	5 3	Y3S2	CH5202 CH5204	3 2
Y4S1	NTU-FST PE NTU-FST PE	3 3	Y4S2		

Total: 33 AU**WUR-FST Core Courses (18 AU)**

Year of Study	Course Code	School/Programme	Year of Study	Course Code	School/Programme
Y2S1	CH5201	SPMS/CBC	Y2S2	CH5200	SBS/BS
Y3S1	CH5203	SCBE/CBE	Y3S2	CH5202 CH5204	SPMS/PAP SCBE/CBE

NTU-FST Prescribed Electives (15 AU)

Year of Study (Y2-Y4)		Year of Study (Y2-Y4)	
Semester 1		Semester 2	
Course Code	School/Programme	Course Code	School/Programme
AAQ10A	NIE/NSSE	AAQ20E	NIE/NSSE
BG4215	SCCEB/BIE	BS3012	SBS/BS
BS3018	SBS/BS	CH4213	SCCEB/CE
BS4015	SBS/BS	CH4303	SCCEB/CE
CH4306	SCCEB/CE	CH5220	SCCEB/CE
CH5221	SCCEB/CE	CM5102	SCCEB/CHEM
CH5222	SCCEB/CE		
CM5013	SCCEB/CHEM		