

WUR-FST Core Courses

Course Code	Course Title	Course Coordinator (WUR)	Course Coordinator (NTU)	Lab Class
CH9200	Food Microbiology	dr.ir Heidy den Besten (Associate Professor) Department Agrotechnology and Food Science (Food Microbiology)	Dr Sze Chun Chau School of Biological Sciences	# 2 weeks (SBS Teaching Lab)
CH9201	Food Chemistry	dr.ir Julia Diederer (Lecturer) Department Agrotechnology and Food Science (Food Chemistry)	Associate Professor Li Tianhui Dr Alessandra Bonanni School Physical and Mathematical Sciences (CBC)	* 2 weeks (CBC Teaching Lab)
CH9202	Food Physics	dr. ir. Leonard Sagis (Associate Professor) Department Agrotechnology and Food Science (Physical and Physical Chemistry of Food)	Associate Professor Massimo Pica Ciamarra School Physical and Mathematical Sciences (PAP)	# 1 week (WUR campus)
CH9203	Food Process Engineering	dr.ir Marcel Minor Department Agrotechnology and Food Science (Food Process Engineering)	Professor David Luo X. W. School of Chemical and Biomedical Engineering	* 1 week (FPE Lab @SCBE)
CH9204	Quality Systems Operations	dr. ir Kasper Hettinga (Associate Professor) Department Agrotechnology and Food Science (Food Quality and Design)	Professor Duan Hongwei School of Chemical and Biomedical Engineering	No lab practical

* Laboratory practical scheduled after the final exam in vacation week 1 and 2 (Dec).

Laboratory practical scheduled after the final exam in vacation week 1 and 2 (May).

Notice

- 1) WUR-FST core courses and NTU-FST prescribed electives courses are offered from Year 2 and onward.
- 2) Student must follow home school study plan.

Laboratory Class

- 1) Attendance is **mandatory**.
- 2) Time: 8.30am-5.30pm & Day: Monday-Friday.
- 3) Student must be available in vacation Week 1 and 2. Should postpone any research project engagement/non-credit bearing internship/OCIP trip/personal holiday after the lab class.
- 4) NSMen scheduled for MINDEF in-camp training call-up period, you can write in to FSTP Office to request a letter to defer.

[2 weeks study trip to WUR is suspended until further notice]

NTU-FST Prescribed Electives

Course Code	Course Title	Course Coordinator	Pre-Requisite
AAQ10A	Principle of Nutrition	Dr Soo Li Mei, Johannah	Nil
AAQ20E	Applied Nutrition	Dr Soo Li Mei, Johannah	AAQ10A
BG4215	Biomedical Nanotechnology	Prof Duan Hongwei Assoc Prof Sieren Lim	Nil
BS3012	Functional Genomics and Proteomics	Assoc Prof Sze Siu Kwan	BS1001 & BS1006 & BS1007
BS3018	Plant Biology (with laboratory)	Assoc Prof Oliver Mueller-Cajar	Nil
BS4015	Plant Biotechnology	Asst Prof Ma Wei Dr Hong Yan	BS3018
CH4303	Bioseparations	Asst Prof Zhao Wenting	CH1131 OR BG1131 OR CB1131
CH4306	Bioanalytical Techniques	Asst Prof Chen Ming-Hsu Assoc Prof Tan Meng How	Nil
CH4213	Pharmacokinetics & Biopharmaceutics	Assoc Prof Tan Meng How (SCBE) Assoc Prof Kevin Pethe (LKC Medicine) Asst Prof Navin Kumar Verma (LKC Medicine)	Nil
CH9220	Food Production – In Food Production and Trade	Adjunct Assoc Prof Ben Smith	Nil
CH9221	Food Industry Seminar Series	Prof Chen Wei Ning, William	FST Students (Year 3 & 4)
CM4013	Current Topics in Analytical Chemistry	Dr Alessandra Bonanni	CM2011 & CM2062 & CM3062 OR CBC211 & CBC216 & CBC31
CM9102	Food Analysis and Safety (with laboratory)	Dr Alessandra Bonanni	CM1031 & CM1051 OR CM9001 OR CBC112 & CBC113 OR CY1101

Notice:

- 1) Once an elective course is read and passed as Major PE or UE, students are not allowed to read a course again for another course type
- 2) S/U option is not allowed for the Second Major courses. For detailed information, you may wish to refer [here](#).
- 3) For course with pre-requisite, FSTP Office consolidates a name list to request for pre-requisite waiver approval from the course coordinator through home school. Upon approval, FSTP Office will forward the email to respective School to provide an e-stamp to add the course. FSTP Office will seek home school Course Registration Officer to assist with registration of courses.
- 4) For FST student considers reading NTU-FST PE course for their overseas exchange, you are required to email the offering home school (SCBE/SBS/SPMS) for course matching clearance and approval.