

**Unleashing Potentials
Shaping the Future**



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For more information, please visit our website:
MASTER OF SCIENCE IN FOOD SCIENCE AND
TECHNOLOGY (AS746) COURSEWORK
(uitm.edu.my)

MASTER OF SCIENCE IN FOOD SCIENCE AND TECHNOLOGY

School of Graduates Studies
Faculty of Applied Sciences

AS 746
COURSE WORK



COURSES

The MSc. Coursework program requires completion of 40 credits hours for graduations.

COMPULSORY COURSES (34 CREDITS)

ELECTIVE COURSES (6 CREDITS)

COMPULSORY COURSES

FSG 710 RESEARCH METHODOLOGY (3 CREDITS)

FST 716 ADVANCE FOOD ANALYSIS (3 CREDITS)

FST 714 FOOD COMMODITY PROCESSING TECHNOLOGY (3 CREDITS)

FST 730 FOOD SCIENCE AND TECHNOLOGY DISSERTATION I (3 CREDITS)

FST 731 FOOD BIOTECHNOLOGY (3 CREDITS)

FST 735 HALAL AND FOOD LAW (3 CREDITS)

FST 737 INNOVATIVE FOOD PACKAGING TECHNOLOGY (3 CREDITS)

FST 738 INNOVATIVE FOOD PRODUCTS (3 CREDITS)

FST 770 FOOD SCIENCE AND TECHNOLOGY DISSERTATION II (10 CREDITS)

ELECTIVE COURSES

FST 712 FOOD SAFETY AND QUALITY MANAGEMENT (3 CREDITS)

FST 719 UNIT OPERATION AND FOOD ENGINEERING (3 CREDITS)

FST 713 FOOD INGREDIENT TECHNOLOGY (3 CREDITS)

FST 723 ADVANCE FOOD CHEMISTRY (3 CREDITS)

DURATION OF STUDY

Minimum period of 1½ years (3 semesters) and a maximum of 3 years (6 semesters) for a full-time study

MODE OF STUDY

Methods of teaching include lectures, colloquiums, practical training and dissertation projects.

Program Synopsis

AS746 Master of Science (Food Science and Technology) by coursework is a postgraduate programme that aimed to provide astute knowledge through the unified approach. It has the necessary components to offer who passionate about the food industry and a chance of rewarding career. The curriculum offers key areas in food science and technology to equipped students with expert knowledge for a sustainable development of food industry

Admission Requirements

Eligibility will be based on one of the following:

- Candidates who have a first degree in science and has achieved good grades (minimum CGPA of 2.75) or equivalent;
- Candidates who have degree in science and has achieved CGPA of less than 2.75 with at least two (2) years of working experience in related field;

**related field: Food Science and Nutrition, Food Biotechnology, Food Engineering, Applied Chemistry, Microbiology, Food Quality Management*

Candidates in the final semester of undergraduate programme with a good CGPA can be considered for the programme;

English requirement:

Malaysian University English Test (MUET) Band 3

IELTS Band 5

TOEFL: IBT: 35-45; CBT: 107-131; PBT 417-450

CEFR: B1

TOEIC: 356-440

BULATS: 40-59