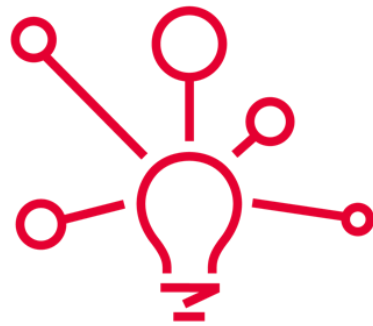


Master's Programme in

International Food Quality and Health



Academic regulations

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Legal Frame

Students enrolled in this programme are admitted as full-time students at University of Chinese Academy of Sciences.

The academic regulations applies to students enrolled in the programme from

2020. This master's programme is established within the framework of the

following:

- Partnership Agreement between Graduate University of Chinese Academy of Sciences and University of Copenhagen (KU), Aarhus University (AU), University of Southern Denmark (SDU), Aalborg University (AAU), Roskilde University (RUC), Technical University of Denmark (DTU), Copenhagen Business School (CBS), IT University of Copenhagen (ITU), on the establishment of the Sino-Danish Centre for Education and Research, Graduate University of Chinese Academy of Sciences, signed on 12 April 2010
- Agreement between Graduate University of Chinese Academy of Sciences (GUCAS) and University of Copenhagen (KU), Aarhus University (AU), University of Southern Denmark (SDU), Aalborg University (AAU), Roskilde University (RUC), Technical University of Denmark (DTU), Copenhagen Business School (CBS), IT University of Copenhagen (ITU) concerning Master's Programmes at Sino-Danish Centre for Education and Research, Graduate University of Chinese Academy of Sciences, signed on 29 August 2011
- Agreement between University of Chinese Academy of Sciences and Aarhus University concerning Provision of the Master's Programme in International Food Quality and Health at Sino-Danish Centre for Education and Research (SDC), University of Chinese Academy of Sciences, signed May 2019.

Students must observe and act accordingly to the following rules issued by the SDC Directors:

- SDC Rules and Regulations
- Thesis regulations 10 steps

Students must also observe and act accordingly to Rules and Regulations for UCAS International Students.

SDC rules are published on Moodle.

Title and degree

The degree awarded by Aarhus University is Master of Science in International Food Quality and Health. The degree awarded by University of Chinese Academy of Sciences is Master of Food Safety and Health.

Duration

The master's programme has a duration of two academic years equivalent to 120 ECTS points (European Credit Transfer System). 60 ECTS points correspond to one year of full-time studies.

4-Years Limit

All SDC students must complete their Danish and UCAS degree within 4 years from the enrolment. This period includes leave of absence. It is possible to apply for an exemption due to illness or other extraordinary circumstances.

When choosing thesis period *Danish/International students* must be aware of UCAS' 4 years limit for awarding diploma. UCAS' degree application procedure *STEP IO CN* (see Thesis regulations 10 steps) has to be completed within four years from enrolment. This period includes leave of absence.

Admission requirements

Admission requires a natural science bachelor's degree from a suitable major, or a Social Science Bachelor's degree with a natural science focus.

The following Bachelor degree programmes give direct access to the Master's degree programme in International Food Quality and Health:

- Molecular Biology with focus on nutrition (AU)
- Chemical Engineering and Food Technology (BEng) (AU)
- Food Science (UCPH/DTU)

The following Bachelor's degrees can also give admission: Nutrition and Health, Biology, Chemistry, Food Engineering, Food Technology and Agriculture, Food and Environment. The Bachelor degree programmes must at least include a basic course in statistics and biochemistry.

According to national legislation in China, Chinese citizens cannot apply for admission to International Food Quality and Health through a Danish university. Instead, Chinese Citizens must apply for admission through University of Chinese Academy of Sciences.

Selection Criteria

In evaluating qualified applicants, the admissions committee assesses each applicant on the basis of the following criteria:

- Academic background (75%)
- Other relevant experiences (25%)

Academic background

This criteria includes average mark of BSc degree and the average mark of relevant courses weighted after the study load (ECTS credits)

Other relevant experiences:

Relevant work experience, BSc projects, laboratory projects etc.

The assessment is based on the supplied documented information and can, thus, not include marks/grades obtained after application deadline

English language requirements

English language skills equivalent to an 'English B level' in Denmark are required (if you have graduated from a Danish "Gymnasium" then you automatically have level B) and can be documented as follows:

- Required minimum IELTS score is 6.5
- Required minimum TOEFL Scores are:

577 Points in the paper-based test or 233 Points in the computer-based test or 90 Points in the internet-based test

- Cambridge ESOL examinations

English B – Certificate in Advanced English (CAE) or First Certificate with grade A as a minimum. Applicants must upload their Confirmation of Entry stating candidate ID number and candidate secret number, which are not stated on the test result itself.

- CEFR validated English language course

English B – C1 level

Applicants exempt from submitting an English test are:

- “Native speakers” with an English language qualifying exam (including applicants with a qualifying examination from USA, Canada, Australia, New Zealand, Great Britain, Scotland, or Ireland).

Please note that applicants with a qualifying examination from all other countries (including African and Asian countries, where the exam has been taught in English) must submit a test.

- Applicants holding a Danish/Nordic/Duborg/International Baccalaureate (from the IB diploma programme)/European Baccalaureate (from the “Schola Europaea”) entrance examination with an English level the Danish Agency for International Education considers comparable to a Danish B level in English

- Applicants with an English language Bachelor’s or a Master’s degree from USA, Canada, Australia, New Zealand, Great Britain, Scotland or Ireland. The applicant must document that the programme was taught in English.

General programme regulations

The language of instruction in the SDC master’s programmes is English. Teaching, supervision and assessment will be carried out in English.

Students will be graded according to both the Chinese and the Danish grading scale with the following correlation:

DK	12	10	7	4	02	00	-3
CN	100-95	94-90	89-76	75-61	60	59-40	39-0

For the Master’s Thesis, students will be graded according to the Chinese 4-point scale. See Thesis regulations IO steps

Leave of absence can be granted to students on the grounds of becoming a parent, illness, military service or exceptional circumstances.

Students who wish to complete degree programme elements at another university or institution of higher education in Denmark, China or abroad as part of their degree programme may apply the Teaching Committee for advance approval of transfer credit for planned subject elements. Students can maximum be granted 30 ECTS credit transfer.

As an alternative to credit transfer, students may be approved to undertake a study period equivalent to 30 ECTS credits (one semester) outside of China during either their 3rd or 4th semester, in conjunction with their thesis process. The purpose of this period is to advance their specific academic goals through collaboration with relevant third parties, companies, laboratory work, fieldwork, or similar activities.

Either the Teaching Committee or the SDC Directors may grant exemptions to the Academic regulations or other SDC rules. Applications for exemption are submitted to the SDC Secretariat

Qualifications

Purpose

The programme aims to educate students to master and communicate the newest research-based knowledge about food security, health and quality in a cross-cultural, western-Chinese context. Through this programme, the student will achieve a broad understanding of the food chain from the perspective of food production, food safety, food quality, nutrition and marketing, and get to work on cross-cultural food quality related tasks within these scientific fields. At the same time, the student will obtain skills to analyse a problem, compose a relevant solution and initiate, implement and evaluate the solution for production, process and/or market optimizing purposes in the food industry and beyond.

Qualification Profile

Knowledge

The graduates will have research-based knowledge in:

- food quality issues from a health, nutrition, sensory, marketing, economic and intercultural perspective
- unprocessed food, food processing, food supply and safety including microbial safety
- risk assessment and management methods, and quality control of food
- intercultural consumer behaviour
- food supply nationally and internationally linked to Asian and Western markets and

their needs and

- specialized knowledge within one or more of the topics; Food Quality, Food Safety, Marketing, Economics and Nutrition through project-oriented work and through specialization under the Master's thesis.

Skills:

The graduates will be able to:

- use knowledge about food quality from a health, nutrition, sensory, marketing, economic and intercultural perspective for production-, process- and market optimization-purposes in the food industry
- analyze a problem, compose a relevant solution, initiate, implement and evaluate the solution, this based on knowledge about safety, nutritional, sensory, supply and / or economic conditions
- communicate issues and solutions to cooperative partners (nationally and internationally) both inside and outside the food industry

Competences:

The graduates will be able to:

- work development and innovation oriented in relation to Western and Asian food-related projects
- initiate, manage and implement food-related development projects
- collaborate with professionals and other stakeholders nationally and internationally

Structure

The programme contains the following elements

Semester	Course / Programme element	Exam	Grading	Examiners	ECTS
1	Food Production Environment and Quality	Assignment	7/100 scale	Internal	5
	Modern Food Analysis	Course participation	Passed/ not passed	Internal	5
	Food Fermentation and Processing	Assignment and written presence examination	7/100 scale	Internal	5
	Microbial Food Safety and Hygiene	Written presence examination	7/100 scale	Internal	7.5
	Food Quality, Perception and Eating Behaviour	Assignment and oral	7/100 scale	Internal	7.5
2	Food Toxicology	Course participation	Passed/ not passed	Internal	3.75
	Chemical Food Safety and Health	Course participation	Passed/ not passed	Internal	3.75
	Food Nutrition and Health	Assignment and oral	7/100 scale	Internal	7.5
	Food Chain Management	Written presence examination	7/100 scale	Internal	5
	Food and Society	Assignment	7/100 scale	Internal	5
	Food Business Marketing and the Consumer	Assignment and written presence examination	7/100 scale	Internal	5
3	Thesis	Assignment and oral	7/4 scale	External	60
4					

The 11 courses in the programme will cover the following five themes:

Food quality; Food Safety and Risk Management; Food and Economic Chain Management; Food Business and Marketing; Nutrition and Health.

The themes of the programme reflect a farm to fork perspective.

Food quality will focus on the influence of raw materials, ingredients, production, packaging and methods to analyse food quality. Food safety and risk management will involve microbial safety, toxicology and risk assessment. Food and economic chain management is about the influential players in economic management of food quality, safety and sustainability. Food business and marketing is about understanding the food industry, strategic international marketing as well as societal implications. Nutrition and health focuses on chemical safety and the impact of the food chain on nutrition and health.

Each theme will have holds an introductory session designed to give students, who may have different academic backgrounds, a basis from which to launch an understanding of the content of the courses and synergistic involvement of Danish as well as Chinese teachers to support learning about cross-cultural differences.

The primary approach is problem-based learning, which means that focus is on real-world issues and applicable scenarios, which students identify, analyse and solve under supervision.

Commencement

Effective as of 01.09.2020

Changes to the programme

31.03.2025: Addition to General programme regulations: Extending options to take 30-ECTS points worth of studies outside of China.

31.03.2025: Consolidated/updated exam formats in "Structure": In accordance with changes made to course catalogue and previously decided by Teaching Committee and approved by Dean/Directors of SDC:

Modern Food Analysis: Changed from Course participation to Assignment.

Food Nutrition and Health: Changed from Written presence examination and oral to Assignment and oral.