Master of Science Programme in Food Science for Nutrition (International Programme)

หลักสูตร   วิทยาศาสตรมหาบัณฑิต   สาขาวิชา   วิทยาศาสตร์การอาหารเพื่อโภชนาการ

Institute of Nutrition   (หลักสูตรนานาชาติ)(ภาคปกติ)

สถาบันโภชนาการ

Expected number of Students to be accepted year round : 5   Students

Admission Requirements
A candidate must:
1. Hold or currently studying in the final year of a Bachelor of Science degree in the fields that have organic chemistry course, biochemistry course or physiology course, from an accredited national or international academic institution with a minimum of a 3.00 grade point average.
2. Have a TOEFL score of at least 480, TOEFL computer-based score of 157, TOEFL Internet-based score of 54, or IELTS score of 4.5 or pass the English Proficiency Examination arranged by the Faculty of Graduate Studies. For those who already hold a valid English score, please submit its certificate along with all application documents.
3. Be in good physical and mental health.

Curriculum Structure

	Credit
Pre-requisite Courses	-
Required Courses	20
Elective Courses no less than	4
Thesis	12

	Credit
Pre-requisite Courses	
NUFN 663 Food Processing Technology	2(2-0-4)
Required Courses	
NUFN 664 Food, Nutrition and Health	3(3-0-6)
NUFN 602 Quality Evaluation of Food	1(0-2-1)
NUFN 665 Food and Nutrition Updates	2(2-0-4)
NUFN 666 Seminar in Food Science for Nutrition I	1(1-0-2)
NUFN 667 Research Methodology in Food Science for Nutrition	2(2-0-4)
NUFN 668 Formulation of Nutritional and Functional Foods	2(2-0-4)
NUFN 669 Nutritional and Safety Evaluations of Food	2(2-0-4)
NUFN 670 Food Processing and Nutrition Quality	3(3-0-6)

NUFN 671 Seminar in Food Science for Nutrition II		1(1-0-2)
NUFN 672 Quality Systems for Food Industry		2(2-0-4)
NUFN 643 Food and Nutrition Activities Field trip		1(0-2-1)
Elective Courses		
NUFN 616 Appropriate Technology of Food Processing		2(2-0-4)
NUFN 673 Statistical Analysis for Research in Food Science for Nutrition		2(2-0-4)
NUFN 674 Laboratory Practice in Analyses of Carbohydratesand Minerals Proteins and Fats		1(0-2-1)
NUFN 675 Laboratory Practice in Determinations of Starch Properties		1(0-2-1)
NUFN 676 Laboratory Practice in Analyses of Fats and Oils		1(0-2-1)
Thesis		
NUFN 698 Thesis		12(0-48-0)
* These May Change in Cases Where There are Suggestions for The Improvemed of The Curriculum		

Additional advantages of the programme

The Applied Food Knowledge to Nutrition option emphasizes on an integration of food and Nutrition Knowledge and its application in the Production and Development of Foods for Nutrition and Health.

Details of Scholarships

1. Scholarship of the Food Science for Nutrition Program

Additional information for applicants

หากผู้สมัครเป็นผู้มีสิทธิ์เข้าสอบสัมภาษณ์ จะต้องส่ง Concept Paper ซึ่งมีรายละเอียด ดังนี้
   1. Title
   2. Rationale
   3. Objective
   4. Expected Outcome
โดยมีความยาวไม่เกิน 2 หน้ากระดาษ A4 เพื่อนำเสนอคณะกรรมการสอบสัมภาษณ์ ภายในเวลา 10 นาที
(ในกรณีที่ผ่านสอบข้อเขียนและมีสิทธิ์เข้าสอบสัมภาษณ์)

Application Process

Application is only available via online application at www.grad.mahidol.ac.th

Required Documents

Prepare the following required documents to submit via online admission system or post :

- Two (2) recent photographs (1x1 inch in size)
- A copy of an applicant's degree certificate or a letter of graduation certification   2 copies
  (for an applicant with a degree completion)
- A letter certifying that an applicant is currently in the final year prior to graduation   2 copies
  (for an applicant seeking for a degree)
- A detailed transcript of a degree (for an applicant with a degree completion)   2 copies
- A grade report with course names and grades received from the first to the current   2 copies
  semester prior to graduation
- A copy of identification card   2 copies
- A copy of house registration certification   2 copies
- A copy of Certificate of English score: TOEFL/IELTS/MU-Test (if any). See detail here: 2 copies
  http://www.grad.mahidol.ac.th/grad/academicinfo/engstandard2553_th.php
- A copy of proof of payment.

Submitting documents via online admission system.
- All documents must be in pdf format (maximum size 2 MB)
- Recent photograph must be in jpeg format only (maximum size 2 MB)

Job option after graduation
1. Researcher in an academic institution, research facility, food industry, and food service industry
2. Academic in an institution of higher education which provides educational programs related to food science and nutrition, health science, and biological science
3. Consultants to public and private agencies, international agencies, research projects, health promotion units, and food and nutrition-related industries

Further information may be obtained from the Director of Graduate Studies, Food Science for Nutrition :

1. **Asst. Prof. Dr. Sitima Jittinandana (E-mail : sitima.jit@mahidol.ac.th)**
   Food Science Unit, Institute of Nutrition Building,
   Floor 4, Institute of Nutrition, Mahidol University, Salaya.
   Tel. 0 2800 2380 ext. 416 Fax : 0 2441 9347

2. **Dr. Nattapol Tangsuphoom (E-mail : nattapol.tng@mahidol.ac.th)**
   Food Science Unit, Institute of Nutrition Building,
   Floor 4, Institute of Nutrition, Mahidol University, Salaya.
   Tel. 0 2800 2380 ext. 413 Fax : 0 2441 9347

Program Coordinator

1. **Miss Nantouchaporn Kongaumnat (E-mail : nantouchaporn.kon@mahidol.ac.th)**
   Floor 4, Educational Administration Office,
   Institute of Nutrition, Mahidol University, Salaya
   Tel. 0 2800 2380 ext. 420 Fax : 0 2441 9347

Notes 1. The program of Food Science for Nutrition requires students to study the prerequisite courses.
   - NUFN 663 Food Processing Technology   2   Credits
   2. For more education information : www.grad.mahidol.ac.th

For more information please contact The Student Admission Section.
Tel . 0 2441 4125 ext. 208-210 , 0 2441 9129, E-mail : gradthai@mahidol.ac.th