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

Institute of Nutrition

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 2.5 grade point average
2. have a TOEFL ITP score of at least 480, TOEFL Internet-based score of 54 or IELTS score of 5 or MU GRAD TEST score of 60. Those who do not have any of the test scores specified above will have to take the English Proficiency Examination of the Faculty of Graduate Studies on the specified examination day.
3. Applicants may be exempted from the above requirement, on a case by basis, depending upon approval and consent given by the program committee and the Dean of the Faculty of Graduate Studies, Mahidol University
4. be in good physical and mental health.

Curriculum Structure

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<td>Pre-requisite Courses</td>
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<td>Elective Courses no less than</td>
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<th>Credit</th>
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<tr>
<td>Pre-requisite Courses</td>
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<tr>
<td>NUFN663 Food Processing Technology</td>
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<td>Required Courses</td>
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<td>NUFN602 Quality Evaluation of Food</td>
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<td>NUFN643 Food and Nutrition Activities Field trip</td>
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<td>NUFN664 Food, Nutrition and Health</td>
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<td>NUFN665 Food and Nutrition Updates</td>
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<td>NUFN666 Seminar in Food Science for Nutrition I</td>
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<td>NUFN667 Research Methodology in Food Science for Nutrition</td>
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<td>NUFN668 Formulation of Nutritional and Functional Foods</td>
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<td>NUFN669 Nutritional and Safety Evaluations of Food</td>
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<td>NUFN670 Food Processing and Nutrition Quality</td>
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<td>NUFN671 Seminar in Food Science for Nutrition II</td>
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### Elective Courses

- **NUFN672 Quality Systems for Food Industry**  
  2(2-0-4)

- **NUFN616 Appropriate Technology of Food Processing**  
  2(2-0-4)

- **NUFN673 Statistical Analysis for Research in Food Science for Nutrition**  
  2(2-0-4)

- **NUFN674 Laboratory Practice in Analyses of Carbohydrates and Minerals Proteins and Fats**  
  1(0-2-1)

- **NUFN675 Laboratory Practice in Determinations of Starch Properties**  
  1(0-2-1)

- **NUFN676 Laboratory Practice in Analyses of Fats and Oils**  
  1(0-2-1)

- **NUFN677 Writing for Research Publications in Food Science for Nutrition**  
  1(1-0-2)

- **NUFN678 Sensory Science for Nutrition**  
  2(2-0-4)

- **NUFN679 International Academic Experience on Food and Nutrition**  
  2(2-0-4)

- **NUFN680 Laboratory Practice in Food Analysis Using High Performance Liquid Chromatography**  
  1(0-2-1)

### Thesis

- **NUFN 698 Thesis**  
  12(0-48-0)

* These May Change in Cases Where There are Suggestions for The Improvement of The Curriculum

### Additional advantages of the programme


### Details of Scholarships

1. Scholarship of the Food Science for Nutrition Program

### Application Process

Application is only available via online application at [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th)

### Required Documents

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

1. Completed an Online Application at [www.grad.mahidol.ac.th](http://www.grad.mahidol.ac.th) which comprised with
   - **Form A**: Application Form
   - **Form B**: Background and Proposed Field of Study
   - **Form C**: Recommendation Forms (directly submitted by at least 2 referees)
2. Two copies of Degree Certificate (with officially certified English translation)
3. Two copies of Academic Transcript (with officially certified English translation)
4. Two copies of Recent Photos (Passport size)
5. Two copies of Passport
6. Two copies of English certificate (TOEFL/ IELTS/ MU-Grad Test)

**FOR DOCTORAL PROGRAM**

- TOEFL ITP score of at least 500, TOEFL Internet-based score of 61, or IELTS score of 5

**FOR MASTER'S PROGRAM**

- TOEFL ITP score of at least 480, TOEFL Internet-based score of 54, IELTS score of 5 or MU GRAD TEST score of 60.

### Notes

- Only accept TOEFL ITP score from examination center arranged by Faculty of Graduate Studies, Mahidol University.
- TOEFL ITP taken from other domestic and overseas institutes are invalid.
- The test date must be **within previous 2 years** before application date
Applicant who obtained a valid English score must submit an official score certificate along with your application. Otherwise, your English score will not be considered.

Detail of English Competency Standard for Admission:

7. Two copies of Curriculum Vitae
8. Two copies of Statement of Purposes and Career Goals
9. Two copies of Current bank statement / Scholarship letter (if any)
10. Two copies of Concept paper / research proposal (recommended for all applicants)
11. Two copies of additional documents may be requested by each program (such as letter of work experience / professional license/ related certificates and awards)

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 Tangsuphoon (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: gradinter@mahidol.ac.th