

## **Course Detail**

### **Master of Science Program in Logistics and Digital Supply Chain**

<b>Course Title:</b>	Master of Science Program in Logistics and Digital Supply Chain
<b>Master Degree:</b>	Master of Science (Logistics and Digital Supply Chain)
<b>Academic Institution:</b>	Faculty of Logistics and Digital Supply Chain, Naresuan University
<b>Duration:</b>	2 years (June 2024 – June 2026)

#### **Background and Rational:**

Faculty of Logistics and Digital Supply Chain (NU-Logistics), Naresuan University is the first public university that is established for multi-disciplinary education, research and public consulting services in the area of logistics and supply chain. It is intended to produce leading academics and professionals in order to support the sustainable research and development.

Logistics and Digital Supply Chain program attracts business professionals from across the ASEAN to experience its unique combination of master's level coursework, professional development, and industry interaction. It is designed to equip students to meet current and future needs in the supply chain management profession by creating and sustaining competitiveness in the supply chain through quality and efficiency. This program provides its graduates with proficiency in both problem solving and change leadership. They are now practicing these skills in a wide variety of industries, including consulting, manufacturing, retail, logistics, distribution, and software.

Our aim is to produce expert logistics and supply chain professionals who will take their skills developed at Naresuan University and make a significant difference in the marketplace.

#### **Objectives:**

1. Focusing on shaping determined and creative researchers and academic staff in logistics and digital supply chain.
2. Teaching by lecturers bearing high academic capabilities and industrial experiences to deliver the best learning experience to learners.
3. Having close connections with national and international private professionals and academic sectors to strengthen networks and cooperation in logistics and supply chain.

#### **Course Synopsis and Methodology:**

- 1) Number of credit                      36 credits
- 2) Structure of the Program **Plan B Independent Study**

Coursework	30
- Core Course	15
- Electives	15
Required Non-credit Course	5
Thesis	-
Independent Study	6
Total	36

## Course Content

### Core Courses (Compulsory) 15 credits

- Introduction to Logistics and Digital Supply Chain Management
- Inventory Planning and Control
- Supply Chain Process Improvement
- Transportation and Distribution Management
- Logistics Quantitative Analysis

### Elective Courses (Choose 3 units) 15 credits

- Smart Transportation System Management and Regulations
- Digital Technology in Supply Chain Management
- Packaging for Transportation
- Public Transportation Management
- Quality Management
- Case Studies in Logistics and Supply Chain Management
- Smart Agricultural Logistics and Supply Chain Management
- Warehouse Design and Operations
- Multimodal Transportation Systems
- Lean Management and Manufacturing
- Strategic Procurement
- Current Issues in Logistics and Supply Chain
- Sustainable Logistics and Supply Chain
- Human Resource Management

### Required Non-credit Courses

- Seminar 1
- Seminar 2
- Research Methodology in Science and Technology

### Independent Study 6 credits

- Independent Study 1
- Independent Study 2
- Independent Study 3

### Graduation Conditions:

1. English Proficiency (Students must pass one of the following English levels) test.

	Requirement	score
1	Paper-based TOEFL	417
2	Internet based TOEFL (Internet base)	35
3	International Language Testing System (IELTS)	5.0
4	Chulalongkorn University Test of English Proficiency(CU-TEP)	54
5	Cambridge English Placement Test (CEPT)	B1 (37)

2. Pass Comprehensive Examination.

3. Publish 1 full paper proceeding in English.

4. Finish 1 Independent Study report and pass the final defense.

5. The minimum GPA requirement is B (3.00), and students must pass all courses.



**Applicant Qualifications:**

Bachelor's degree or equivalent from and accredited institution in any fields

English Proficiency Test:

Applicant must hold a minimum score of English proficiency from either TOEFL (paper based or internet based; not TOEFL ITP) or IELTS as shown in the followings:

- Paper-based TOEFL 417, 453 (International Program)
- Internet-based TOEFL 35, 46 (International Program)
- IELTS 5.0, 5.5 (International Program)

**Document Required:**

- TIPP application form (Download at: <https://tica-thaigov.mfa.go.th/en/page/75500-tipp-application-form?menu=605b13dbb6f1b76ed31778b3>)
- Medical Report (If candidates had submitted other health certificates without the TICA medical report form, their application will not be accepted for consideration)
- Transcript of Bachelor's degree (to show the courses that you have learnt throughout Bachelor's degree) with at least GPA. 2.75
- Certificate of Bachelor's degree
- English test score (e.g. TOEFL (Paper based 417 , 453) (Internet based 35 , 46), IELTS (5.0 , 5.5))
- Recommendation Letter (At least 3 people)
- Copy of passport
- CV
- Formal Photograph

**Contact:**

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\*\*\*The application procedure will complete when TICA has received the hard copy of the application form and other related documents through the Royal Thai Embassy/Permanent Mission of Thailand to the United Nations/Royal Thai Consulate – General accredited to eligible countries/territories.