Course Detail
Master of Science Program in Logistics and Digital Supply Chain

Course Title: Master of Science Program in Logistics and
                                           Digital Supply Chain

Master Degree: Master of Science (Logistics and Digital
                                           Supply Chain)

Academic Institution: Faculty of Logistics and Digital Supply
                                           Chain, Naresuan University

Duration: 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
- Transportation and Distribution Management

- Inventory Planning and Control
- Logistics Quantitative Analysis

- Supply Chain Process Improvement

Elective Courses (Choose 3 units) 15 credits

- Smart Transportation System Management and Regulations
- Warehouse Design and Operations

- Digital Technology in Supply Chain Management
- Multimodal Transportation Systems

- Packaging for Transportation
- Lean Management and Manufacturing

- Public Transportation Management
- Strategic Procurement

- Quality Management
- Current Issues in Logistics and Supply Chain

- Case Studies in Logistics and Supply Chain Management
- Sustainable Logistics and Supply Chain

- Smart Agricultural Logistics and Supply Chain Management
- 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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For more information:

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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.