Rationale

Following a more and more competitive environment in all industries, the Supply Chain Management (SCM) concept has been widely accepted to be the new trend to promote business sustainability through profit and growth. This is achieved mainly by focusing on the whole Supply Chain Management process to deliver the right product or service required by the consumer, at the right place, at the right time and at less cost.

This trend is at a threshold in Thailand, and it will soon be considered unacceptable for a firm not to practice SCM, and for its people not to be knowledgeable about what it is, why it is necessary, and how it works. There is thus a big and increasing need for degrees in SCM at Master level. Because of its provision of SCM courses in the past few years, and its close involvement with SCM leaders in Thailand and overseas program, the Department of Industrial Management, Faculty of Risk and Industrial Services is well positioned to provide such a degree course.

Program Objectives:

• To be strongly integrated with industry by producing practically skilled graduates.
• To equip the graduates with theoretical and practical knowledge.
• To educate and train middle to top managers.

Entrance Requirements:

The admission requirements for a prospective student to enter the Master of Science in Supply Chain Management are:
• A Bachelor degree from an accredited institution with a cumulative grade point average of at least 2.5 on a scale of 4.0.
• At least 2 years of professional or practical work experience.
• Leadership and managerial potential.
• Three recommendation letters from lecturers or current employers
• Satisfactory results of interview
Study System:

- Each academic year consists of two semesters. Each semester consists of 15 weeks.
- Each student must complete all the requirements for the degree within 8 academic semesters from the date of first enrollment.

Curriculum Structure:

The total number of credits of the program is 36 credits as follows:

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<th>Supply Chain Management Core Courses</th>
<th>Concentration Courses</th>
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<td>Supply Management Concentration</td>
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<th>Thesis and Non-Thesis Plans</th>
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<td>Plan A: Thesis</td>
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<td>- Free Electives</td>
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<td><strong>Total</strong></td>
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I. Supply Chain Management Foundation Course (Non-credit)

The graduate students who do not possess any background in Management systems or hold any other degree than business administration or management, have to take this foundation course before the semester starts. The graduate student must get ‘satisfactory’ (S) from this course.

SCM 1000  Fundamentals in Supply Chain Management

II. Supply Chain Management Core Courses (3-Credits Course)

SCM 1201  Strategic Supply Chain Management*
SCM 1202  Quantitative Analysis
SCM 1203  Supply Chain Process Management
SCM 1204  Information Technology in Supply Chain Management
SCM 1205  Financing the Supply Chain

* Note: Students who received the Executive Certificate in Supply Chain Management can use it as substitute for SCM 1201 Strategic Supply Chain Management course.
III. Concentration Courses (9 Credits)
The graduate student must choose 9 credits from the following concentrations.

1. Supply Management Concentration (3-Credits Course)
SUP 2301  Procurement
SUP 2302  Negotiation
SUP 2303  Contract Analysis
SUP 2304  Strategic Purchasing and Supply Management
SUP 2305  Supplier Relationship Management
SUP 2306  Role of Technology in Supplier Management

2. Manufacturing Concentration (3-Credits Course)
MFG 2401  Advanced Production Planning
MFG 2402  Manufacturing Systems Management
MFG 2403  Manufacturing Strategy
MFG 2404  Designing of Lean Manufacturing System
MFG 2405  Quality Engineering and Six Sigma
MFG 2406  Simulation Modeling in Manufacturing Systems

3. Distribution Concentration (3-Credits Course)
DIS 2501  Warehouse Management
DIS 2502  Multimodal Transportation Systems
DIS 2503  Logistics and Distribution Management
DIS 2504  Materials Handling and Packaging
DIS 2505  Retail Management
Plan Selection

Students can choose to study in Plan A (Thesis Option) or Plan B (Non-Thesis Option).

IV. Plan A: Thesis  (12 Credits)

V. Plan B: Non-Thesis  (12 Credits)

SCM 2202  Graduate Project (6 Credits)

Plus Two Elective Courses  (3-Credits Course)

• The student can choose 6 credits of elective courses from the following courses or any course available from other Concentrations.

SCM 2601  Customer Relationship Management
SCM 2602  Supply Chain Collaboration
SCM 2603  Government Supply Chain
SCM 2604  Supply Chain Risk Management
SCM 2605  Seminar in Supply Chain Management

Estimated Expenses

The whole M.Sc. (SCM) program can be completed with a total of 250,000 Baht assuming that the student registers and completes all courses in the first attempt.
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