



Undergraduate Study Plan

B.Sc. in Logistics Management

Academic Year 2022 – 2025

Academic Year 2022 – 2025

Structure & Components

| | | | |
|-------|----------------------------------|-----|---------|
| 1. | GENERAL EDUCATION COURSES | 30 | credits |
| 1.1 | KMITL COMPULSORY | 6 | credits |
| 1.2 | LANGUAGE & COMMUNICATION | 12 | credits |
| 1.3 | IAAI COMPULSORY | 6 | credits |
| 1.4 | FREE ELECTIVE | 6 | credits |
| 2. | PROFESSIONAL COURSES | 105 | credits |
| 2.1 | CORE COURSES | 57 | credits |
| 2.1.1 | MATHEMATICS COURSES | 9 | credits |
| 2.1.2 | GENERAL MANAGEMENT COURSES | 21 | credits |
| 2.1.3 | ENGINEERING & TECHNOLOGY COURSES | 27 | credits |
| 2.2 | MAJOR COMPULSARY COURSES | 30 | credits |
| 2.3 | MAJOR ELECTIVE COURSES | 12 | credits |
| 2.4 | ALTERNATIVE EDUCATION | 6 | credits |
| 3. | FREE ELECTIVE COURSES | 6 | credits |

Details of the Curriculum

| | | | |
|-------|--|-----|---------|
| 1. | GENERAL EDUCATION COURSES | 30 | credits |
| 1.1 | KMITL COMPULSORY | 6 | credits |
| | 96641001 96641002 96641003 | | |
| 1.2 | LANGUAGE | 12 | credits |
| | 96644007 96644032 96644034 96644042 | | |
| 1.3 | IAAI COMPULSORY | 6 | credits |
| | 96642034 96642121 | | |
| 1.4 | FREE ELECTIVE | 6 | credits |
| | Any course offered in English by General Education Office | | |
| 2. | PROFESSIONAL COURSES | 105 | credits |
| 2.1 | CORE COURSES | 57 | credits |
| 2.1.1 | MATHEMATICS COURSES | 9 | credits |
| | 15026101 15026102 15026103 | | |
| 2.1.2 | GENERAL MANAGEMENT COURSES | 21 | credits |
| | 15026201 15026202 15026203 15026204 15026205 15026206 15026207 | | |
| 2.1.3 | ENGINEERING & TECHNOLOGY COURSES | 27 | credits |
| | 15026301 15026302 15026303 15026304 15026305 15026306 15026307 | | |
| | 15026308 15026309 | | |
| 2.2 | MAJOR COMPULSARY COURSES | 30 | credits |
| | 15026401 15026402 15026403 15026404 15026405 15026406 15026407 | | |
| | 15026408 15026409 15026410 | | |
| 2.3 | MAJOR ELECTIVE COURSES | 12 | credits |
| | 15026411 15026412 15026413 15026414 15026415 15026416 15026417 | | |
| | 15026418 15026419 15026420 15026421 15026422 15026423 15026424 | | |
| | 15026425 15026426 15026427 15026428 | | |
| 2.4 | ALTERNATIVE EDUCATION | 6 | credits |
| | 15026800 15026801 15026802 15026803 15026804 15026805 15026806 | | |
| 3. | FREE ELECTIVE COURSES | 6 | credits |
| | Any course offered in English by international program at KMITL. | | |

Curriculum: 141 Credits

First Year

| Semester 1 | | Credits (Lecture-Practice-Self-study) |
|------------|-------------------------------------|---------------------------------------|
| 15026101 | Mathematics 1 | 3 (3-0-6) |
| 15026201 | Principles of Economics | 3 (3-0-6) |
| 96641001 | Charm School | 2 (1-2-3) |
| 96641002 | Digital Intelligence Quotient | 3 (3-0-6) |
| 96642121 | Data Analys. & Mgmt. with Com. Pro. | 3 (3-0-6) |
| 96644007 | Foundation English 1 | 3 (3-0-6) |
| | Subtotal | 17 (16-2-33) |

| Semester 2 | | Credits (Lecture-Practice-Self-study) |
|------------|----------------------------------|---------------------------------------|
| 15026102 | Mathematics 2 | 3 (3-0-6) |
| 15026202 | International Trade Policies t | 3 (3-0-6) |
| 15026203 | Principles of Management | 3 (3-0-6) |
| 15026204 | Principles of Marketing | 3 (3-0-6) |
| 96641003 | Sports & Recreational Activities | 1 (0-3-2) |
| 96640032 | English for Aviation | 3 (3-0-6) |
| 9664XXXX | Gen. Ed. - Free Elective | 3 (3-0-6) |
| | Subtotal | 19 (18-3-38) |

Second Year

| Semester 1 | | Credits (Lecture-Practice-Self-study) |
|------------|-------------------------------------|---------------------------------------|
| 15026103 | Probability & Statistics | 3 (3-0-6) |
| 15026205 | Principle of Accounting | 3 (3-0-6) |
| 15026301 | Introduction to Information Systems | 3 (3-0-6) |
| 15026401 | Logistics & Supply Chain Mgmt. | 3 (3-0-6) |
| 15026402 | Fundamental of Aviation | 3 (3-0-6) |
| 96644042 | Professional Comm. and Presentation | 3 (3-0-6) |
| 9664XXXX | Gen. Ed. - Free Elective | 3 (3-0-6) |
| | Subtotal | 21 (21-0-42) |

| Semester 2 | | Credits (Lecture-Practice-Self-study) |
|------------|---------------------------------|---------------------------------------|
| 15026206 | Cost Mgmt. for Decision Making | 3 (3-0-6) |
| 15026302 | Database Management Systems | 3 (2-2-5) |
| 15026306 | Engineering Economics | 3 (3-0-6) |
| 15026403 | Inventory & Warehouse Mgmt. | 3 (3-0-6) |
| 15026404 | Freight Transpt. & Distribution | 3 (3-0-6) |
| 15026406 | Airport Operations Management | 3 (3-0-6) |
| 96644034 | Technical Writing | 3 (3-0-6) |
| | Subtotal | 21 (20-2-41) |

Third Year

| Semester 1 | | Credits (Lecture-Practice-Self-study) |
|------------|----------------------------------|---------------------------------------|
| 15026207 | Business Finance | 3 (3-0-6) |
| 15026304 | System & Process Simulation | 3 (2-2-5) |
| 15026305 | Production & Operations Analysis | 3 (3-0-6) |
| 15026309 | Operations Research | 3 (3-0-6) |
| 15026407 | Air Cargo Management | 3 (3-0-6) |
| 150264XX | Major Elective 1 | 3 (3-0-6) |
| 96642034 | Law & Reg. in Aviation Industry | 3 (3-0-6) |
| | Subtotal | 21 (20-2-41) |

| Semester 2 | | Credits (Lecture-Practice-Self-study) |
|------------|----------------------------------|---------------------------------------|
| 15026303 | Enterprise Resource Planning | 3 (2-2-5) |
| 15026308 | Project Management | 3 (3-0-6) |
| 15026405 | Facility Location & Planning | 3 (3-0-6) |
| 15026408 | Dangerous Goods Management | 3 (3-0-6) |
| 15026409 | Center of Gravity & Load Control | 3 (3-0-6) |
| 150264XX | Major Elective 2 | 3 (3-0-6) |
| 150264XX | Major Elective 3 | 3 (3-0-6) |
| | Subtotal | 21 (20-2-41) |

| Summer | | Credits (Lecture-Practice-Self-study) |
|----------|-------------------------------|---------------------------------------|
| 15026800 | Logistics Management Training | 0 (0-0-0) |

Fourth Year

Plan I: Independent Study/ Special Project

| Semester 1 | | Credits (Lecture-Practice-Self-study) |
|------------|------------------------------------|---------------------------------------|
| 15026307 | Research Methodology | 3 (3-0-6) |
| 15026410 | Selected Topics in Logistics Mgmt. | 3 (3-0-6) |
| 150264XX | Major Elective 4 | 3 (3-0-6) |
| XXXXXXXX | Free Elective 1 | 3 (3-0-6) |
| XXXXXXXX | Free Elective 2 | 3 (3-0-6) |
| 15026802 | Independent Study 1 | 1 (0-5-0) OR |
| 15026804 | Special Project 1 | 1 (0-5-0) |
| | Subtotal | 16 (15-5-30) |

| Semester 2 | | Credits (Lecture-Practice-Self-study) | |
|------------|---------------------|---------------------------------------|----|
| 15026803 | Independent Study 2 | 5 (0-40-0) | OR |
| 15026805 | Special Project 2 | 5 (0-40-0) | |

Plan II: Co-operative Education/ Overseas Training

| Semester 1 | | Credits (Lecture-Practice-Self-study) |
|------------|------------------------------------|---------------------------------------|
| 15026307 | Research Methodology | 3 (3-0-6) |
| 15026410 | Selected Topics in Logistics Mgmt. | 3 (3-0-6) |
| 150264XX | Major Elective 4 | 3 (3-0-6) |
| XXXXXXXX | Free Elective 1 | 3 (3-0-6) |
| XXXXXXXX | Free Elective 2 | 3 (3-0-6) |
| | Subtotal | 15 (15-0-30) |

| Semester 2 | | Credits (Lecture-Practice-Self-study) | |
|------------|------------------------|---------------------------------------|----|
| 15026801 | Co-operative Education | 6 (0-45-0) | OR |
| 15026806 | Overseas Training | 6 (0-45-0) | |