



Undergraduate Study Plan

B.Sc. in Logistics Management

Academic Year 2021 – 2024

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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)	