運輸與物流管理學系 Department of Transportation and Logistics Management
113 學年度（Academic Year **2024**）

科目名稱 （Course Name）	學分 Credit	第一學年 Grade 1		第二學年 Grade 2		第三學年 Grade 3		第四學年 Grade 4		備註 Note
		上 1st	下 2nd	上 1st	下 2nd	上 1st	下 2nd	上 1st	下 2nd	
微積分（一)(二） Calculus	8	4	4							
計算機概論 Introduction to Computers Science	3	3								
程式設計 Programming	3		3							
會計學（一)(二） Accounting	6	3	3							
經濟學（一)(二） Principles of Economics	6	3	3							
運輸學 Transportation	3	3								
交通工程 Traffic Engineering	3				3					
線性代數 Linear Algebra	3		3							
統計學（一)(二） Statistics	6			3	3					
作業研究（一)(二） Operations Research	6			3	3					
管理學 Management	3				3					
運輸工程 Transportation Engineering	3		3							
物流運籌管理 Strategic Logistics Management	3			3						
運輸規劃 Transportation Planning	3					3				
畢業專題 Graduation Project	2							2		
財務管理 Financial Management				3						※管院基礎課程 6 選 2 Select and pass two out of six courses in the list of Management Basic Courses
行銷學 Principles of Marketing					3					
人力資源管理 Human Resource Management	6						3			
管理資訊系統 Management Information System						3				
生產與作業管理 Production and Operation						3				
資料庫管理 Database Management					3					
合計 Total	67	16	19	9~12	12~18	3~9	0~3	2	0	6

本系最低畢業學分為 128 學分。
A total of at least 128 credits is required to fulfil a degree.

※學生須於畢業前自下列六門管院基礎課程(財務管理、行銷學、人力資源管理、管理資訊系統、生產與作業管理、資料庫管理)任選二門修習並及格。

  Students need to select and pass any two of the six basic courses (Financial management, Principles of marketing, Human resource management, Management information system, Production and operations management, Database management) from the school of management before graduation.

◎學生畢業前須自三項專業領域中至少修畢 2 項領域內規定之課程及至少 24 學分（請見附表）。

  Students are required to complete at least two out of the three major areas with a minimum of 24 credits. (See attached table).

運輸與物流管理學系 專業選修領域課程表

Department of Transportation and Logistics Management: List of Area Electives Courses

專業選修：至少修畢 2 大領域規定之課程，至少 24 學分。

Area Electives: complete at least two areas with a minimum number of 24 credits.

領域名稱 Area	科目 Course Name	學分 Credit	備註 Note
運輸規劃與政策 Transportation Planning and Policy	1. 運輸經濟 Transportation Economics	3	5 選 4 4 out of 5 courses
	2. 運輸網路概論 Introductory Transportation Network	3	
	3. 專案規劃與評估 Project Planning and Evaluation	3	
	4. 公共運輸 Public Transportation	3	
	5. 運具相關課程 1 門 One of the transportation mode-related courses (see Note#1)	3	
運輸營運與科技 Transportation Operations and Technology	1. 智慧型運輸系統概論 Int. to Intelligent Transportation Systems	3	6 選 4 4 out of 6 courses
	2. 交通控制 Traffic Control	3	
	3. 公共運輸 Public Transportation	3	
	4. 交通流理論 Traffic Flow Theory	3	
	5. 運輸最佳化概念與應用 Optimization concepts and applications in transportation	3	
	6. 運具相關課程 1 門 One of the transportation mode-related courses (see Note#1)	3	
物流管理 Logistics Management	1. 採購與作業物流(必修 Required) Procurement and Operations Logistics	3	必修 2 門 選修 4 選 2 2 required courses and 2 (out of 4) elective courses.
	2. 運輸與配送管理(必修 Required) Transportation and Distribution Management	3	
	3. 國際物流管理 International Logistics Management	3	
	4. 巨集程式與資料分析應用 Macro Programming and Data Analytics	3	
	5. 海洋運輸 Marine Transportation	3	
	6. 運輸最佳化概念與應用 Optimization concepts and applications in transportation	3	

備註(Note)：1.運具相關課程為軌道運輸、海洋運輸、或航空運輸（三選一）

1.Transportation mode-related courses include: Railway Transportation, Maritime Transportation, and Air Transportation.

2.如修讀之課程跨不同模組，則只能認定於其中一個模組

2.If a course taken spans different modules, it can only be accredited to one of the modules.

運輸與物流管理學系輔系科目表
Department of Transportation and Logistics Management Minor Program

科目名稱 Course Name	學分數 Credit	科目名稱 Course Name	學分數 Credit	選別 Required/ Elective
運輸學 Transportation	3	運輸工程 Transportation Engineering	3	必修 Required
交通工程 Traffic Engineering	3	運輸規劃 Transportation Planning	3	
物流運籌管理 Strategic Logistics Management	3			
本系專業選修 3 大領域，至少修畢 1 領域內規定之課程 It is required to complete at least one areas.				
運輸規劃與政策 Transportation Planning and Policy	運輸網路概論 Introductory Transportation Network	3	專案規劃與評估 Project Planning and Evaluation	3	5 選 4 4 out of 5 courses
	運輸經濟 Transportation Economics	3	公共運輸 Public Transportation	3	
	運具相關課程 1 門 One of the transportation mode-related courses (see Note#1)	3			
運輸營運與科技 Transportation Operations and Technology	智慧型運輸系統概論 Int. to Intelligent Transportation Systems	3	交通控制 Traffic Control	3	6 選 4 4 out of 6 courses
	公共運輸 Public Transportation	3	交通流理論 Traffic Flow Theory	3	
	運輸最佳化概念與應用 Optimization concepts and applications in transportation	3	運具相關課程 1 門 One of the transportation mode-related courses (see Note#1)	3	
物流管理 Logistics Management	運輸與配送管理 (必修 Required) Transportation and Distribution Management	3	採購與作業物流 (必修 Required) Procurement and Operations Logistics	3	必修 2 門 選修 4 選 2 2 required courses and 2 (out of 4) elective courses
	國際物流管理 International Logistics Management	3	巨集程式與資料分析應用 Macro Programming and Data Analytics	3	
	海洋運輸 Marine Transportation	3	運輸最佳化概念與應用 Optimization concepts and applications in transportation	3	
輔系最低應修學分為 27 學分 At least 27 credits is required for a minor.				

備註：1.運具相關課程為軌道運輸、海洋運輸、或航空運輸（三選一）

Note：1.Transportation mode-related courses include: Railway Transportation, Maritime Transportation, and Air Transportation.