

淡江大學運輸管理學系 111 學年度入學新生課程規劃表

校訂必修/共計 26 學分(compulsory subjects at least 26 credits)

類 別		科 目 名 稱 Course name	學分 credit	開課年級 Grade	備註 Remark
基本知能課程 12 學分 Fundamental courses (12 credits)	外國語文學門(Q) Foreign Language	英文(一) ENGLISH (I)	4	一 1st year	Compulsory English course for freshman year and optional foreign language for sophomore year
	外國語文學門(Q) Foreign Language	大二外文自由選 OPTIONAL FOREIGN LANGUAGE	4	二 2nd year	
	語文表達 ABILITY OF EXPRESSING	中國語文能力表達 ABILITY OF EXPRESSING IN SPOKEN AND WRITTEN CHINESE	2	一上 1st year 1 st	Ability of Expressing in Spoken and Written Chinese
	學習與發展學門(N) LEARNING AND DEVELOPMENT	大學學習 LEARNING IN UNIVERSITY	1	一上 1st year 1 st	Learning and Development (N)
	課外活動與團隊發展 EXTRACURRICULAR ACTIVITIES AND TEAMSHIP DEVELOPMENT	社團學習與實作(K) LEARNING AND PRACTICE OF CLUB	1	一下 1st year 2 nd	1. Extracurricular activities and team development. 2. Team development is recognized as a compulsory credit of 1 credit for extracurricular activities and team development.
通識核心課程 14 學分 General Education & Core Courses (14 credits)		AI 與程式語言 AI AND PROGRAMMING LANGUAGE	1	一上 1st year 1 st	
		探索永續 EXPLORING SUSTAINABILITY	1	一上 1st year 1 st	
	人文領域至少 2 學分 HUMANITY CATEGORIES (At least 2 credits)	文學經典學門(L) APPRECIATION OF CHINESE LITERATURE	2	自行上網選修 Online elective courses	1 每學門至多修習 2 科 4 學分，2 同一科目不得重複。 2. 不承認「經濟學 概論」。 1.Each part from categories only can take up to 2 subjects for 4 credits. No repetition of the same subject 2. 「Introduction of Economics」 is not admitted as graduation credits.
		歷史與文化學門(P) HISTORY STUDIES	2		
		哲學與宗教學門(V) PHILOSOPHY AND RELIGION	2		
		藝術欣賞與創作學門(M) ARTS APPRECIATION AND INVENTION	2		
	社會領域至少 2 學分 SOCIETY CATEGORIES (At least 2 credits)	全球視野學門(T) GLOBAL OUTLOOK	2		
		未來學學門(R) FUTURES STUDIES	2		
		社會分析學門(W) SOCIAL ANALYSIS	2		
		公民社會及參與學門(S) CIVIL SOCIETY AND PARTICIPATION	2		

類 別		科 目 名 稱 Course name	學分 credit	開課年級 Grade	備註 Remark
	科學領域至少 2 學分 CIENCE CATEGORIES (At least 2 credits)	資訊教育學門(O) INFORMATION EDUCATION	2		
		全球科技革命學門(Z) GLOBAL TECHNOLOGY REVOLUTION	2		
		自然科學學門(U) NATURAL SCIENCES	2		
體育 PHYSICAL EDUCATION			0	4 學期 four semesters	
全民國防教育軍事訓練（一）、護理（一） ALL-OUT DEFENSE EDUCATION MILITARY TRAINING(I)/NURSING (I)			0	— 1st year	
校園與社區服務學習 CAMPUS AND COMMUNITY SERVICE-LEARNING			0	— 1st year	

系訂必修/共計 61 學分(compulsory subjects from TM courses at least 61 credits)

科目 Course name	學分 credit	開課年級 Grade	備註 Rmark
資訊概論 INTRODUCTION TO COMPUTERS	4	— 1st year	認抵資訊教育學門必修 2 學分、自由選修2學分。 Students of the College of Business and Management have to take 4 credits of "INTRODUCTION TO COMPUTERS" from O Group.
運輸學 TRANSPORTATION	3	— 1st year	
統計學 STATISTICS	4	— 1st year	
微積分 CALCULUS	4	— 1st year	
經濟學 ECONOMICS	4	— 1st year	
會計學 ACCOUNTING	4	二 2nd year	
管理學 MANAGEMENT	3	— 1st year	
電算機程式 COMPUTER PROGRAMMING	3	二 2nd year	

科目 Course name	學分 credit	開課年級 Grade	備註 Remark
運輸工程 TRANSPORTATION ENGINEERING	3	二 2nd year	
管理數學 MANAGEMENT MATHEMATICS	4	二 2nd year	
運輸應用統計 APPLIED STATISTICS IN TRANSPORTATION	2	二 2nd year	
交通工程 TRAFFIC ENGINEERING	3	二 2nd year	
運輸經濟 TRANSPORTATION ECONOMICS	4	三 3rd year	
作業研究 OPERATIONS RESEARCH	6	三 3rd year	
運輸規劃 TRANSPORTATION PLANNING	3	三 3rd year	
運輸系統分析 TRANSPORTATION SYSTEM ANALYSIS	3	三 3rd year	
運輸事業管理 BUSINESS ADMINISTRATION IN TRANSPORTATION	2	三 3rd year	
交通政策與行政 TRANSPORTATION POLICY AND ADMINISTRATION	3	四 4th year	
物流管理 PHYSICAL DISTRIBUTION MANAGEMENT	3	四 4th year	

系訂選修/最低應修 25 學分(Elective credits from TM courses at least 25 credits)

科目 course	學分 credit	開課年級 Grade	備註 Remark
永續運輸 SUSTAINABLE TRANSPORTATION	2	一 1st year	
永續觀光運輸 SUSTAINABLE TOURISM TRANSPORTATION	2	一 1st year	

科目 course	學分 credit	開課年級 Grade	備註 Remark
公共運輸 PUBLIC TRANSPORTATION	3	一 1st year	
軌道運輸 RAILWAY TRANSPORTATION	2	二 2nd year	
觀光旅遊規劃 TOUR PLANNING	3	二 2nd year	
運輸管理專題 TRANSPORTATION MANAGEMENT SEMINAR	2	二 2nd year	
航運市場經營與分析 SHIPPING MARKET OPERATION AND ANALYSIS	2	二 2nd year	
航空公司經營管理 AIRLINE OPERATION AND MANAGEMENT	2	二 2nd year	
都市與區域計畫 URBAN AND REGIONAL PLANNING	3	二 2nd year	
都市問題探索與永續創新 URBAN PROBLEM EXPLORATION AND SUSTAINABLE INNOVATION	3	二 2nd year	
運輸應用統計分析專題 SPECIAL TOPICS ON APPLIED STATISTICS IN TRANSPORTATION	3	二 2nd year	
商用軟體應用 COMMERCIAL SOFTWARE APPLICATION	2	二 2nd year	
旅遊事業經營管理 TOURISM MANAGEMENT AND OPERATIONS	2	二 2nd year	
航港作業實務 MARITIME SHIPPING AND PORT OPERATION	2	三 3rd year	
運輸地理資訊系統 GEOGRAPHIC INFORMATION SYSTEMS FOR TRANSPORTATION	3	三 3rd year	
航港管理 MARITIME SHIPPING AND PORT MANAGEMENT	2	三 3rd year	

科目 course	學分 credit	開課年級 Grade	備註 Remark
國際貨物運輸 INTERNATIONAL FREIGHT	2	三 3rd year	
交通控制設計 TRAFFIC CONTROL DESIGN	3	三 3rd year	
物流與供應鏈實務專題 PRACTICES ON SUPPLY CHAIN	3	三 3rd year	
智慧運輸系統 INTELLIGENT TRANSPORTATION SYSTEM	3	三 3rd year	
工程經濟學 ENGINEERING ECONOMICS	3	三 3rd year	
交通事故鑑定與分析 TRAFFIC ACCIDENT JUDGMENT AND ANALYSIS	2	三 3rd year	
運輸業管理實務 PRACTICES OF TRANSPORTATION BUSINESS AND MANAGEMENT	3	三 3rd year	
運輸安全分析 TRANSPORTATION SAFETY ANALYSIS	3	三 3rd year	
捷運系統營運管理 RAPID TRANSIT SYSTEM MANAGEMENT	2	四 4th year	
空運系統營運管理 AIR TRANSPORTATION OPERATIONS AND MANAGEMENT	3	四 4th year	
運輸環境影響評估 ENVIRONMENTAL IMPACTS OF TRANSPORTATION	3	四 4th year	
專題研究 RESEARCH SEMINAR	2	四 4th year	
運輸數位轉型 DIGITAL TRANSFORMATION IN TRANSPORTATION	2	四 4th year	
公路客運業營運管理 OPERATION AND MANAGEMENT OF HIGHWAY PASSENGERS TRANSPORT	2	四 4th year	

科目 course	學分 credit	開課年級 Grade	備註 Remark
民用航空法規概論 AIR LAW	2	四 4th year	
大數據運輸行為分析 TRAVEL BEHAVIOR ANALYSIS USING BIG DATA	2	四 4th year	
巨量交通數據管理與控制 BIG DATA MANAGEMENT AND CONTROL	2	四 4th year	
大數據運輸行銷 TRANSPORTATION MARKETING USING BIG DATA	2	四 4th year	
航空規劃管理 AIRLINE PLANNING AND MANAGEMENT	3	四 4th year	
運輸專業英文 ENGLISH FOR TRANSPORTATION AND LOGISTICS	2	四 4th year	

(1) 必修科目總學分數(Compulsory credits)：87 分(含通識教育課程 26 學分(26 credits for general education))

(2) 最低應修本系選修科目總學分數(Elective credits from TM courses)：25 學分

(3) 其他選修總學分數(from other English-taught courses)：16 學分

畢業總學分數(Total credits needed)： 128 學分