

		language course inclusive with the maximum 40 credits countable) [Note 2]
最低畢業學分 Minimum Graduate Credits	128	

註 1：(A) 表中之本系跨域模組 = (B) 表

Note 1: The cross-disciplinary modules at our department on list (A) = list (B)

註 2：本校共同必修科目表規定，外語課程必修至少 6 學分。如大學部學生修習共同必修學分數超過 28 學分以上，本校至多可採至 40 學分於最低畢業學分內，但各學系另有規定者，從其規定。

Note 2: According to the rules prescribed by Table of General Education Subject of our university, at least 6 credits of foreign language courses must be taken. For the students in the bachelor degree program who study general education subjects more than 28 credits, our university could calculate 40 credits to the minimum graduate credits; please follow the regulations from each department if it is specially defined.

## 工業工程與管理學系 跨域模組課程 必修科目表 (B)

### The Required Course List for the students study cross-disciplinary module curriculum in department of Industrial Engineering and Management

類別 Category	選別 Type	科目名稱 Course Name	學分 Credit	開課系所 Department	備註 Remark
本系跨域模組 (32 學分) Cross-disciplinary modules at our department (32 credits)  修畢於畢業證書加註『跨域專長：工業工程』 It could be remarked as “Cross-Disciplinary Specialty: Industrial Engineering” on the diploma after the module curriculum is completed.	必修 Required	作業研究(一)(二) Operations Research(I)(II)	6	管理學院 College of Management	若本課程為原系所必修課程，須再選修下列課程以補足 32 學分。Students must take the elective courses in order to complete 32 credits if the courses “Operations Research(I)(II)” are required in their original department.
		統計學(二) Statistics(II)	3	管理學院 College of Management	若本課程為原系所必修課程，須再選修下列課程以補足 32 學分。Students must take the elective course in order to complete 32 credits if the course “Statistics(II)” is required in their original department.
		生產與作業管理 Production and Operation Management	3	工工系 Department of IEM	若本課程為原系所必修課程，須再選修下列課程以補足 32 學分。Students must take the elective course in order to complete 32 credits if the course “Production and Operation Management” is required in their original department.
		工作研究 Work Study	3	工工系 Dep. of IEM	
		人因工程 Human Factors Engineering	3	工工系 Dep. of IEM	
		製造程序 Manufacturing Processes	3	工工系 Dep. of IEM	

		工程經濟 Engineering Economics	3	工工系 Dep. of IEM	
		品質管理 Quality Control	3	工工系 Department of IEM	
		設施規劃 Facility Planning	3	工工系 Dep. of IEM	
		工業工程與管理實 務 Practice on Industrial Engineering and Management	2	工工系 Dep. of IEM	
	選修 Elective	工業工程與管理概 論 Int. to Industrial Engineering and Management	3	工工系 Dep. of IEM	
		工程圖學 Engineering Graphics	1	工工系 Dep. of IEM	
		模擬學 Simulation	3	工工系 Dep. of IEM	
		資料庫管理 Database Management	3	工工系 Dep. of IEM	
		心理學 Psychology	3	工工系 Dep. of IEM	
		工業與組織心理學 Industrial and Organizational Psychology	3	工工系 Dep. of IEM	
		決策分析 Managerial Decision Analysis	3	工工系 Dep. of IEM	
總學分 Total Credits (32 credits)			32		