



**Four-Year Undergraduate Program in Industrial Management
Program Structure (133 credits)**

Note: “/1,2,3” indicates the number of credits per course; “/2+1”: The course includes Practical Training (1 credit); **Credits for General Education** courses are not indicated as they vary from 1 to 3 credits

	1 st Year		2 nd Year		3 rd Year		4 th Year	
General Education and other obligatory Courses	General Education	General Education	General Education	General Education	Special Topics on Industrial Management I*/2	Special Topics on Industrial Management II*/2		
	Chinese Literature /3	Chinese Literature /3	Advanced English I /2	Advanced English II /2				
	English Vocabulary and Reading I/2	English Vocabulary and Reading II /2	Physical Education/0	Physical Education/0	Physical Education/0	Physical Education/0		
	English Oral-aural Drills in English I/2	Oral-aural Drills in English II /2						
	Physical Education/0	Physical Education/0 Social Practice/1						





Operations Research and Statistics	Calculus I*/3 Managerial Mathematics */3	Calculus II*/3	Operations Research I */3 Statistics I*/3	Operations Research II*/3 Statistics II*/3	Statistical Software Package/3	Simulation/3 Business Analysis/3	Scheduling Theory/3 Regression Analysis/3	Multivariate Analysis/3 Advanced Statistics/3
Information Technology	Introduction to Computers and Computing*/2+1	Computer Programming*/2+1	Object-oriented Programming/3 Application Software Design/3	Database Management System/3 Data Structure/3	Electronic Commerce/3 Introduction to Electronic Business */2+1 Management Information System/3	Enterprise Resources Planning /3 Service Innovation and Applications		Intelligent Manufacturing Systems/3 System Analysis/3
Production Management		Introduction to Industrial Management*/3		Production and Operations Management*/3	Quality Management*/3 Materials Management/3 Global Logistics Management/3 Intelligent Operations Management/3	Total Quality Management/ Supply Chain Management/3 Service Science/3 Facilities Planning/3	Production Systems Design/3 Lean Production and Management/3	





Human Factors Engineering			Work Study*/2+1	Human Factors Engineering*/2+1	Industrial Hygiene/3	Industrial Safety/3 Industrial Safety and Health Act/3 Human Machine System and User Interface/3		
General Management	Economics*/3 Management and Business Ethics*/3	Accounting*/3 Introduction to Industry 4.0 /2		Marketing Management/3 Engineering Economics/3	Human Resources Management/3			