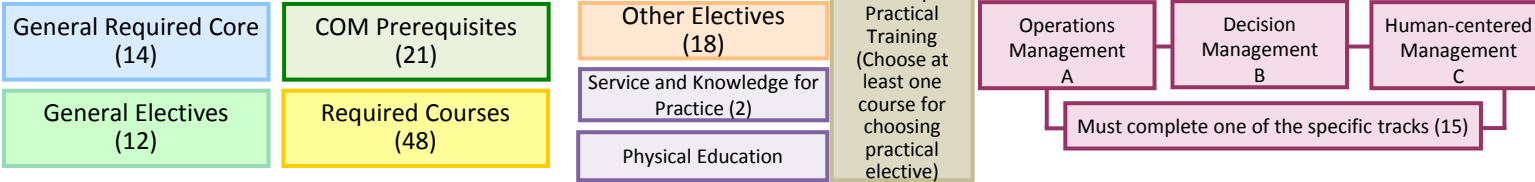


BS in Industrial Management Curriculum Flow Chart (2018-21)

PLEASE SEE THE DEPARTMENT OFFICE (ADMINISTRATION BLDG., RM. 1612-1) IF YOU NEED ASSISTANCE OR CALL (+886-7-6577711 EXT. 5502)

Education Goals

- Acquire professional occupational skills
- Think independently
- Perceive global industrial development
- Express opinions
- Apply IT skills



Freshman Semester 1	Freshman Semester 2	Sophomore Semester 1	Sophomore Semester 2	Junior Semester 1	Junior Semester 2	Senior Semester 1	Senior Semester 2
Social Science subjects should not be included in the selection. Students should take subjects from four out of the remaining six disciplines.							
English Language Laborator I(1)	English Language Laborator II(1)	Practical English I (2)	Practical English II (2)				
Chinese Literature and Thoughts I (2)	Chinese Literature and Thoughts II (2)	Physical Education I (0)	Physical Education II (0)	Seminar Practice I (1)	Seminar Practice II (1)	Service and Knowledge for Practice (2)	Semi-Conductor Manufacturing Management (3)
civil basic cultivation (2) (choose one from four)		Statistics I (3)	Statistics II (3)	Operations Research I (3)	Operations Research II(3)	Technical Presentation Practice I (1)	
Information Technology and Capability(2)		Managerial Mathematics(3)	Operations Management (3)	Quality Management (3)	Human Factor Engineering (3)	Workshop Practice (1)	
Economic I (3)	Economics II (3)	Work Study (3)	The Principles and Practices of Engineering Economics)	Data Processing (3)	Manufacturing Process (3)	Industry Internship I(3)	
Service Education I	Accounting (3)	Physical Education I	Physical Education II	Facility Planning (3)		Industry Internship II(3)	
Introduction to Industrial Management(3)	Management (4)	Applied Mechanics (3)		Computer Integrated Manufacturing(3)		Industry Internship III(3)	
	Big Data and Programming (2)	Entrepreneurship Management (3)		Industrial Relations (3)		Trend and Opportunity of New Technologies (3)	
	Service Education II	Investment Management (3)		Regression Analysis (3)		Experimental Design (3)	
	Computer Programming (3)	Creative Product Design (3)		Technology Industry Analysis (3)		Professional Presentation English(3)	
	Computer Graphics (3)	Linear Algebra(3)		Taguchi's Quality Engineering(3)		Human / Machine Interface(3)	
Career Development(3)		Decision Analysis(3B)		Logistics Management (3)		Machine Vision (3)	
Mobile App Development and Design (3)		Database Management(3B)		Technology English(3)		Fundamental and Application on 3D printing Technology(3)	
Internet and Intranet Application(3B)		Marketing Management(3C)		Enterprise Resource Planning (3)		Working Capability and Occupational Ethics (3)	
Technology Management (3C)		Occupational Safety and Hygiene (3B)	Organizational Behavior(3C)	Introduction to Artificial Intelligence(3)		Visualization Design of Big Data (2)	
Introduction to Business(3C)				Lean enterprise systems (3)		Quality Control Practice(3A)	Total Quality Management (3A)
				Computer Integrated Manufacturing (3)		Fuzzy Set Theory(3B)	Neural Networks(3B)
				Health Data Application (3)		Service Operations Management (3C)	System Analysis and Design(3B)
				Application of Business Intelligence (3)		Customer Relationship Management (3C)	Business Automation(3B)
				Blockchain and Smart Contracts (3)			Strategic Management (3C)
				Internet Marketing (3)			Product Design and Development Management(3A)
				Materials Management(3A)	Computer Aided Design and Manufacturing (3A)		Data Mining(3B)
				Project Planning and Scheduling(3A)	Introduction to Industrial Automation (3A)		Special Issues in Sun-Tzu Doctrines and Management(3C)
				Human Resource Management(3C)	Electronic Commerce(3B)		Enterprise Diagnosis(3C)

→ Course grade for prerequisite must over 40
 Recommended course sequence
Total Required Credits: 130 credits