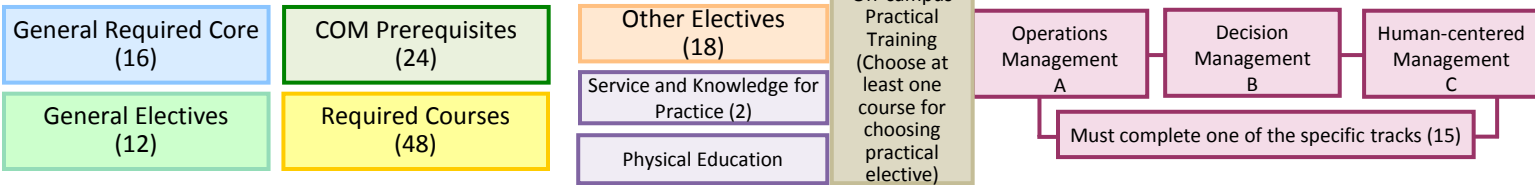


BS in Industrial Management Curriculum Flow Chart (2017-20)

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)			Working Capability and Occupational Ethics (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)	Manufacturing Industry Off-campus Practical Training II(3)
Information Technology and Capability(2)		Managerial Mathematics(3)	Operations Management (3)	Quality Management (3)	Human Factor Engineering (3)	Workshop Practice (1)	Manufacturing Industry Off-campus Practical Training II(3)
Economic I (3)	Economics II (3)	Work Study (3)	The Principles and Practices of Engineering Economics)	Technology English(3)	Manufacturing Process (3)	Service Industry Off-campus Practical Training I (3)	Service Industry Off-campus Practical Training II(3)
The introduction of computer and information system (2)	Accounting (3)	Physical Education I	Physical Education II	Data Processing (3)		Trend and Opportunity of New Technologies (3)	
Service Education I	Service Education II	Applied Mechanics (3)		Facility Planning (3)		Experimental Design (3)	
Introduction to Industrial Management(3)	Computer Programming (3)	Entrepreneurship Management (3)		Industrial Relations (3)		Professional Presentation English(3)	
	Computer Graphics (3)	Investment Management (3)		Regression Analysis (3)		Human / Machine Interface(3)	
		Creative Product Design (3)		Technology Industry Analysis (3)		Machine Vision (3)	
		Linear Algebra(3)		Taguchi's Quality Engineering(3)		Fundamental and Application on 3D printing Technology(3)	
		Decision Analysis(3B)		Logistics Management (3)		Quality Control Practice(3A)	Project Management(3A)
		Database Management(3B)		Materials Management(3A)	Computer Aided Design and Manufacturing (3A)	Fuzzy Set Theory(3B)	Business Automation(3B)
		Marketing Management(3C)		Human Resource Management(3C)	Project Planning and Scheduling(3A)	Service Operations Management (3C)	Customer Relationship Management (3C)
		Occupational Safety and Hygiene (3B)	Organizational Behavior(3C)			Enterprise Diagnosis(3C)	Strategic Management (3C)
							Systems Simulation(3A)
							Total Quality Management (3A)
							Product Design and Development Management(3A)
							Neural Networks(3B)
							Data Mining(3B)
							System Analysis and Design(3B)
							Strategic Management (3C)
							Special Issues in Sun-Tzu Doctrines and Management(3C)

→ Course grade for prerequisite must over 40
 Recommended course sequence
Total Required Credits: 135 credits