I-Shou University

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

General Required Core (14)
General Electives (12)
COM Prerequisites (21)
Required Courses (48)
Other Electives (18)
Service and Knowledge for Practice (2)
Physical Education
Off-campus Practical Training (Choose at least one course for choosing practical elective)

Operations Management A
Decision Management B
Human-centered Management C
Must complete one of the specific tracks (15)

Social Science subjects should not be included in the selection. Students should take subjects from four out of the remaining six disciplines.

Freshman Semester 1	Freshman Semester 2	Sophomore Semester 1	Sophomore Semester 2	Junior Semester 1	Junior Semester 2	Senior Semester 1	Senior Semester 2
English Language Laborator I(1)	English Language Laborator II(1)	Practical English I (2)	Practical English II (2)	Seminar Practice I (1)	Seminar Practice II (1)	Service and Knowledge for Practice (2)	Semi-Conductor Manufacturing Management (3)
Chinese Literature and Thoughts I (2)	Chinese Literature and Thoughts II (2)	Physical Education I (0)	Physical Education II (0)	Operations Research I (3)	Operations Research II(3	Technical Presentation Practice I (1)	
civil basic cultivation (2) (choose one from four)		Statistics I (3)	Statistics II (3)	Quality Management (3)	Human Factor Engineering (3)	Workshop Practice (1)	
Information Technology and Capability(2)		Managerial Mathematics(3)	Operations Management (3)		Manufacturing Process (3)	Industry Internship I(3)	
Economic I (3)	Economics II (3)	Work Study (3)	The Principles and Practices of Engineering Economics)	Data Processing (3)		Industry Internship II(3)	
	Accounting (3)	Physical Education I	Physical Education II	Facility Planning (3)		Industry Internship III(3)	
	Management (4)	Applied Mechanics (3)		Computer Integrated Manufacturing(3)		Trend and Opportunity of New Technologies (3)	
	Big Data and Programming (2)	Enterpreneurship Management (3)		Industrial Relations (3)		Experimental Design (3)	
Service Education I	Service Education II	Investment Management (3)		Regression Analysis (3)		Professional Presentation English(3)	
Introduction to Industrial Management(3)	Computer Programming (3)	Creative Product Design (3)		Technology Industry Analysis (3)		Human / Machine Interface(3)	
	Computer Graphics (3)	Linear Algebra(3)		Taguchi's Quality Engineering(3)		Machine Vision (3)	
Career Development(3)		Decision Analysis(3B)		Logistics Management (3)		Fundamental and Application on 3D printing Technology(3)	
Mobile App Development and Design (3)		Database Management(3B)		Technology English(3)		Working Capability and Occupational Ethics (3)	
Internet and Intranet Application(3B)		Marketing Management(3C)		Enterprise Resource Planning (3)		Visualization Design of Big Data (2)	
Technology Management (3C)				Introduction to Artificial Intelligence(3)			
Introduction to Business(3C)		Occupational Safety and Hygiene (3B)	Organizational Behavior(3C)	Lean enterprise systems (3)		Total Quality Management (3A))	Systems Simulation(3A)
				Computer Integrated Manufacturing (3)		Quality Control Practice(3A)	Project Management(3A))
				Health Data Application (3)		Neural Networks(3B)	Procurement Management(3A)
				Application of Business Intelligence (3)		Fuzzy Set Theory(3B)	Business Automation(3B)
				Blockchain and Smart Contracts (3)		System Analysis and Design(3B)	Product Design and Development Management(3A)
				Internet Marketing (3)		Service Operations Management (3C)	Customer Relationship Management (3C)
				Materials Management(3A)	Computer Aided Design and Manufacturing (3A))	Strategic Management (3C)	Data Mining(3B)
				Introduction to Industrial Automation (3A)	Project Planning and Scheduling(3A)	Special Issues in Sun-Tzu Doctrines and Management(3C)	
				Electronic Commerce(3B)		Enterprise Diagnosis(3C)	
				Human Resource Management(3C)			

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