I-Shou University

MS in Industrial Management Curriculum Flow Chart (2013-14)

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

Education Goals

Possess professional expertise
Possess global industrial development analytical skills
Think innovatively
Possess problem solving skills
Expressing abilities
Possess professional IT and software application skills

Core Subjects (16)
(Including Thesis Instruction (6) and Oral (0))

Electives Subjects (21)

Track A : Operations Management B : Decision Management C : Human-Centered Management

Profession Elective Courses (21 credit hours), need to take at least 4 courses in one specified track and one course from other tracks

Freshman Semester 1	Freshman Semester 2	Sophomore Semester 3	Sophomore Semester 4
Seminar I (1)	Seminar II (1)	Seminar III (1)	Seminar IV (1)
Advanced topics in Industrial Management (3)	Technology English Writing (3)	Thesis I (3)	Thesis II (3)
Operations Management (3 /A)	Human-Computer Interactions (3 /C)	International Quality and Environmental Management (3 /A)	Total Quality Management (3 /A)
Systems Simulation (3 /AB)	Law of Industrial Safety and Hygiene (3 /BC)	Foundations of Industrial Training (3 /C)	The Operational Models of Electronic Enterprise (3 /A)
Operations Research (3 /B)	Leadership (3 /C)	Foundations of Industrial Training (3 /C)	Innovation and Research Management (3 /C)
Experimental Design (3 /ABC)	Advanced Statistics (3 /ABC)	Reliability Engineering (3 /AB)	Process Management (3 /AB)
Object-oriented Analysis and Design (3 /B)	Financial Management (3 /BC)	Production Economics Analysis (3 /AB)	Customer Relationship Management (3 /BC)
Fuzzy Set Theory (3 /ABC)	Industrial Relations (3 /C)	Management Information System (3 /BC)	Gray Theory (3 /ABC)
Organization Theory and Management (3 /C)	Service Operations Management (3 /AC)	Decision Support System (3 /BC)	
Data Envelopement Analysis (DEA) (3 /BC)	Data Mining (3 /B)		
Research Methodology (3 /C)	Decision Analysis (3 /BC)		
Computer Integrated Manufacturing (3 /A)	Enterprise Resource Planning (3 /ABC)		
Human Resource Management (3 /C)	Project Management (3 /BC)		
Quality Control Practice (3 /A)	Advanced Operations Research (3 /AB)		
Logistics Management (3 /AB)	Knowledge Management (3 /BC)		
Professional Presentation English (3 /ABC)	Procurement Management (3 /AB)		
Scheduling and Inventory Management (3 /AB)	Neural Networks (3 /ABC)		
Machine Vision (3 /AB)	Digital Image Processing (3 /AB)		
	Heuristic Algorithms (3 /AB)		
	International Human Resource Management (3 /C)		
	Product Design and Development Management (3 /AC)		
	Special Issues in Sun-Tzu Doctrines and Management (3 /C)		

- - → Courses in order recommended

Total Required Credits: 37