

I-SHOU UNIVERSITY

Department of Industrial Management

4-Year Curriculum for Students Admitted in Academic Year 2023

*** Credits required for graduation from the Department: 128, including:**

1. GE core courses: required, **18** credits
2. GE liberal arts education: elective, **10** credits
3. Service Education: required, **0** credits
4. Physical Education: required, **0** credits
5. College-required courses: 21 credits (including ___ college-level cornerstone courses)
6. Department-required courses: **45** credits, including academic + practical courses: **2** credits, academic courses: **18** credits, practical courses: **17** credits, and capstone courses: **1** credits
7. Departmental electives: **14** credits ◦ (A total of 34 credits for elective courses, including other electives)
 - a. Academic courses: **15** credits; taking **78** credits out of **15** credits
 - b. Practical courses: **15** credits; taking **75** credits out of **15** credits; at least **3** credits from off-campus internship
8. Other electives: **20** credits

Notes:

1. Students are required to meet the requirements set by the Department for “English Proficiency,” “Information Competency,” and “Professional Certification,” in addition to earning the required number of credits to be eligible for graduation.
2. Before graduation, students are required to take at least one required cornerstone course offered by another college. The credits earned from such courses may be recognized as part of the credits under the category of Liberal Arts Education, but only a maximum of four credits will be recognized accordingly. (For more details about required cornerstone course offered by different colleges, please refer to the announcement on the website of the Curriculum Section.)

Freshman Year (2023)

Sophomore Year (2024)

Category	Freshman Year (2023)						Sophomore Year (2024)							
	Course Code	Course Title	1 st Semester	2 nd Semester	Required / Elective	Remark	Category	Course Code	Course Title	1 st Semester	2 nd Semester	Required / Elective	Remark	
General Education	A93A17	Service Education (I)	0		Required		General Education	A93A15	Physical Education (I)	0		Required		
	A93A18	Service Education (II)		0	Required			A93A16	Physical Education (II)		0	Required		
	A93A20	Programming			Required	Core(2 credits)		A93A23	Chinese Literature 2.0-Critical thinking and creativity in writing	2		Required	Core	
	A93A21	Civic Literacy in the Era of Globalization		2	Required	Core (Freshman Year 2nd Semester or Sophomore Year 1st Semester)		A93A21	Civic Literacy in the Era of Globalization	2		Required	Core (Freshman Year 2nd Semester or Sophomore Year 1st Semester)	
	A93A22	Chinese Literature 1.0-Reading, Narration and communication		2	Required	Core		A93A32	English in Practice III	2		Required	Core	
	A93A30	English in Practice I	1		Required	Core		A93A33	English in Practice IV		2	Required	Core	
	A93A31	English in Practice II		1	Required	Core		College-r quired Courses	A82113	Statistics (I)	3		Required	
									A82203	Statistics (II)		3	Required	
	A93A28	Codes in Health and			Required	Core(2 credits)			A20232	Management Math	3		Required	Academic

		Medicine							A20253	Work research	3		Required	Academic
	A93A29	Secret Codes in Intelligent Technologies	2		Required	Core(2 credits)			A20254	Job management		3	Required	Practical
College-required Courses	A82110	Economy(I)	3		Required				A20297	Interactive web design	3		Elective	Practical
	A82116	Big Data and Programming		2	Required				A20750	Introduction to blockchain		2	Elective	Academic
	A82111	Economy(II)		3	Required				A20238	Database management	3		Elective	CommonB
	A82105	Accounting(I)	3		Required				A20229	Organizational behavior	3		Elective	Academic
	A82E01	Management2		4	Required				A20340	Marketing management	3		Elective	CommonC
Department- required Courses	A20076	Introduction to Industrial Management	3		Required	Academic			A20353	Applied mechanics	3		Elective	
	A20125	Computer Programming		3	Required	Academic			A20293	Product creative design	3		Elective	
	A20459	A preliminary study on intelligent technology and management	1		Required	Common			A20256	linear algebra	3		Elective	
	A20257	Computer Graphics		3	Required	Practical			A20259	Entrepreneurial management	3		Elective	
	A20260	The Principles and Practices of Engineering Economics		3	Required	Practical			A20331	Investment management	3		Elective	
Departmental Electives	A20163	Introduction to Business			Elective	Academic C			A20767	Mobile APP development and design	3		Elective	
	A20235	Internet and Intranet Application			Elective	Practical B			A20409	Technology trends and business opportunities	3		Elective	
	A20191	Technology Management	3		Elective	Academic C			A20339	Human Resource Management	3		Elective	Academic
	A20195	Career Development			Elective				A20310	Occupational safety and health	3		Elective	Practical
	A20368	Technology industry analysis			Elective				A20365	E-commerce	3		Elective	Common
								A20775	Industry 4.0	3		Elective		

		A20298	Computer digital drawing	3	Elective	Practical
		A20299	雲端基礎概論	3	Elective	Practical
		A20751	金融科技	3	Elective	
		A20752	跨域初探		2	Elective
Total Required Credits for this Academic Year	38	Total Required Credits for this Academic Year			21	

I-SHOU UNIVERSITY
Department of XXXX

4-Year Curriculum for Students Admitted in Academic Year 2023

Junior Year (2025)

Senior Year (2026)

Junior Year (2025)							Senior Year (2026)								
	Course Code	Course Title	1 st Semester	2 nd Semester	Required / Elective	Remark		Course Code	Course Title	1 st Semester	2 nd Semester	Required / Elective	Remark		
Department- required Courses	A20369	Quality Management	3		Required	Practical	Department- required Courses	A20497	English Proficiency Enhancement	0		Required			
	A20456	Seminar Practice I	1		Required	Practical									
	A20330	Facility Planning	3		Required	Common									
	A20313	Operations Research I	3		Required	Common									
	A20370	Data Processing	3		Required	Academic			A20800	Technical Presentation Practice	1			Required	
	A20457	Seminar Practice II		1	Required	Practical			A20404	Workshop Practice	2			Required	Practical
	A20344	Human Factor Engineering		3	Required	Common									
	A20166	Manufacturing Process		3	Required	Practical									
Departmental Electives	A20429	Materials Management	3		Elective	CommonA	Departmental Electives	A20442	Quality Control Practice	3		Elective	PracticalA		
	A20332	Decision Analysis	3		Elective	Academic		A20449	Project Management	3		Elective	CommonA		
	A20366	Project Planning and Scheduling	3		Elective	CommonA		A20482	Enterprise Diagnosis	3		Elective	CommonC		
	A20437	Computer Aided Design and Manufacturing	3		Elective			A20477	Customer Relationship Management	3		Elective	PracticalC		
	A20361	Introduction to Industrial Automation	3		Elective			A20461	Fuzzy Set Theor	3		Elective	CommonB		
	A20478	Regression Analysis	3		Elective			A20367	Procurement Management	3		Elective	CommonA		
	A20600	Technology English	3		Elective			A20454	Total Quality Management	3		Elective	CommonA		
								A20488	Product Design and Development Management	3		Elective			
						A20448	Neural Networks	3		Elective					
						A20489	Data Mining	3		Elective					
						A20447	Service Operations Management	3		Elective	AcademicC				

A20485	Industrial Relations	3		Elective	
A20438	Taguchi's Quality Engineering	3		Elective	
A20564	Logistics Management	3		Elective	
A20598	Enterprise Resource Planning	3		Elective	
A20300	Introduction to Artificial Intelligence	3		Elective	
A20305	Lean Enterprise systems	3		Elective	
A20306	Computer Integrated Manufacturing	3		Elective	
A20769	Application of Business Intelligence ³	3		Elective	
A20766	Blockchain and Smart Contracts	3		Elective	
A20597	Internet Marketing	3		Elective	
A20771	Visual Phenomenon Management	3		Elective	
A20774	Introduction to intelligent Manufacturing	3		Elective	
A20776	Operations Research II	3		Elective	Common
A20753	Cross-domain practice	2		Elective	Academic
A20374		3		Elective	
Total Required Credits for this Academic Year		20			

A20458	Strategic Management	3		Elective	AcademicC
A20446	Business Automation	3		Elective	AcademicC
A20430	Systems Simulation	3		Elective	AcademicA
A20590	Special Issues in Sun-Tzu Doctrines And Management	3		Elective	AcademicC
A20768	Visualization Design of Big Data	2		Elective	
A20496	Professional Presentation English	3		Elective	
A20348	Human Machine Interface	3		Elective	
A20472	Machine Vision	3		Elective	
A20420	Experimental Design	3		Elective	
A20453	Semi-Conductor Manufacturing Management	3		Elective	
A20505	Industry Internship I	3		Elective	Practical
A20506	Industry Internship II	3		Elective	Practical
A20507	Industry Internship III	3		Elective	Practical
A20410	Fundamental and Application on 3D printing Technology	3		Elective	Practical
A20770	Health Data Application	2		Elective	
A20599	Functions and ethics	2		Elective	
A93A14	Service & Knowledge Practice	2		Elective	
A20694	企業永續經營	3		Elective	
A20695	元宇宙領航	3		Elective	
Total Required Credits for this Academic Year		3			

(Official Seal of the Department)