

# I-SHOU UNIVERSITY

## Department of Information Management 2024

### 4-Year Curriculum for Students Admitted in Academic Year 2024

\* 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. Physical Education: required, 0 credits
4. College-required courses: 16 credits (including 1 college-level cornerstone courses)
5. Department-required courses: 54 credits, including academic + practical courses: 18 credits, academic courses: 33 credits, practical courses: 3 credits, and capstone courses:  
 Departmental electives: 15 credits
  - a. Academic courses: 15 credits; taking 15 credits out of 97 credits
  - b. Practical courses: 15 credits; taking 15 credits out of 112 credits; at least 3 credits from off-campus internship
6. Other electives: 15 credits

Notes:

1. Students are required to meet the requirements set by the Department for “English Proficiency,” and “Information Competency,” 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 (2024)

#### Sophomore Year (2025)

Category	Course Code	Course Title	1st Semester	2nd Semester	Required / Elective	Remark	Category	Course Code	Course Title	1st Semester	2nd Semester	Required / Elective	Remark
General Education							General Education	A93A32	English in Practice III	2		Required	Core
								A93A33	English in Practice IV		2	Required	Core
	A93A30	English in Practice I	1		Required	Core		A93A23	Chinese Literature 2.0- Critical thinking and creativity in writing	2		Required	Core
	A93A22	Chinese Literature 1.0- Reading, Narration and communication		2	Required	Core		A93A15	Physical Education (I)	0		Required	
	A93A31	English in Practice II		1	Required	Core		A93A16	Physical Education (II)		0	Required	
	A93A20	Programming		2	Required	Core	College-required Courses	A80010	Data structure	3		Required	

	A93A21	Civic Literacy in the Era of Globalization		2	Required	Core								
	A93A19	Codes in Health and Medicine	2		Required	Core			A22313	Management Information System	3		Required	Practical
	A93A29	Secret Codes in Intelligent Technologies		2	Required	Core								
College-required Courses	A80E01	Introduction to Computer Science	4		Required		Department- required Courses	A22290	Advance Statistic	3		Required	Practical	
	A80F01	Computer Science Practice	0		Required			A22312	Business Data Communications		3	Required	Practical	
	A80001	Calculus(I)	3		Required			A22129	Object Oriented Programming Design		3	Required	Academic	
	A80003	Computer Programming	3		Required			A22317	Systems Analysis and Design(I)		3	Required	Practical	
	A80002	Calculus(II)		3	Required			A22291	Data Security and Management		3	Required	Practical	
Department- required Courses	A22117	Economics	3		Required	Academic	Departmental Electives	A22253	Marketing Management	3		Elective	Academic (A)	
	A22713	Management	2		Required	Academic		A22722	Artificial intelligence	3		Elective	Academic (A)	
	A22125	Accounting	3		Required	Practical		A22375	Technology Management	3		Elective	Academic	
	A22193	Basic Statistic		3	Required	Academic		A22269	Communication Systems	3		Elective	Practical	
	A22712	Information Technology and Career Exploration		1	Required	Academic		A22714	Introduction To Artificial Intelligence	3		Elective	Academic (A)	
Departmental Electives	A22707	The new Knowledge of Scientific and Technology		2	Elective	Academic		A22264	Internet Marketing	3		Elective	Practical (B)	

	A22708	Discussion on Scientific Knowledge		1	Elective	Practical		A22263	Web Pages Programming	3		Elective	Practical (B)
	A22252	Organizational Behavior		3	Elective	Academic		A22259	Marketing Information Systems		3	Elective	Academic (B)
	A22248	Business Management		3	Elective	Academic		A22716	Smart production		3	Elective	Academic (B)
								A22706	Business Intelligence		3	Elective	Academic
								A22267	Website Management		3	Elective	Academic
								A22354	Human Resource Management		3	Elective	Academic
								A22702	Technologies and applications of Internet of Things		3	Elective	Practical (A)
								A22715	Responsive web programming		3	Elective	Practical (A)
<b>Total Required Credits for this Academic Year</b>			37				<b>Total Required Credits for this Academic Year</b>			27			

**I-SHOU UNIVERSITY**  
**Department of Information Management 2024**  
**4-Year Curriculum for Students Admitted in Academic Year 2024**

**Junior Year (2026)**

**Senior Year (2027)**

Category	Course Code	Course Title	1st Semester	2nd Semester	Required / Elective	Remark	Category	Course Code	Course Title	1st Semester	2nd Semester	Required / Elective	Remark
Department- required Courses	A22218	Managerial Mathematics	3		Required	Academic	Department- required Courses	A22413	Principle of Electronic Commerce	3		Required	Practical
	A22217	Database Management	3		Required	Practical		A22320	Design Projects (II)	3		Required	(capstone course) Practical
	A22385	App Programming		3	Required	Practical		A22411	Modeling and Simulation		3	Required	Academic
	A22386	Clouding Technology and Applications		3	Required	Practical		A22415	English Proficiency	0		Required	graduation threshold
	A22319	Design Projects (I)		3	Required	Practical		A22416	Computer Skill	0		Required	graduation threshold
Departmental Electives	A22352	Financial Management	3		Elective	Academic (A)	Departmental Electives	A22711	Information ethics	2		Elective	Academic
	A22718	Big data marketing	3		Elective	Academic (B)		A22641	Data Mining	3		Elective	Academic
	A22721	Big data supply chain	3		Elective	Practical (B)		A22632	Enterprise Resource Planning	3		Elective	Academic
	A22726	Information Science	3		Elective	Academic		A22480	Digital Game Design	3		Elective	Practical (A)
	A22365	Algorithms	3		Elective	Academic		A22484	E-Learning Design	3		Elective	Academic
	A22333	3D Animation Design	3		Elective	Practical		A22454	Leadership	3		Elective	Academic
	A22483	Electronic Commerce	3		Elective	Academic		A22469	Computer-assisted Instruction	3		Elective	Practical
	A22378	Multimedia Programming	3		Elective	Practical		A22481	3D Digital Creative Design	3		Elective	Practical
	A22343	Computer Network	3		Elective	Practical		A22479	Mobile Commerce	3		Elective	Practical
	A22709	Systems Analysis and Design(II)	3		Elective	Practical		A22339	Industry Competitive Analysis	3		Elective	Practical

A22334	Virtual Reality Design	3		Elective	Practical (A)	A22872	Applied Statistical Methods	3		Elective	Practical
A22724	Community big data analysis		3	Elective	Practical	A22811	Practice of Electronic Commerce	3		Elective	Practical
A22717	Consumer behavior analysis		3	Elective	Academic (B)	A22704	Practical Training(I)	3		Elective	Practical
A22374	Logistics Information System		3	Elective	Academic (A)	A22725	Digital image processing	3		Elective	Practical
A22340	Customer Relationship Management		3	Elective	Academic (A)	A22729	Deep learning	3		Elective	Academic
A22338	Innovation and Investment Management		3	Elective	Academic	A22719	Big data analysis	3		Elective	Practical (B)
A22710	Operations Research		3	Elective	Academic	A22478	Services Quality Management		3	Elective	Academic(B)
A22380	Intellectual Property		3	Elective	Academic	A22468	Knowledge Management		3	Elective	Academic
A22337	Business Operations Simulation		3	Elective	Practical	A22357	Decision Analysis		3	Elective	Academic
A22720	cloud database		3	Elective	Practical (B)	A22465	Networks Management		3	Elective	Academic
A22475	Supply Chain Management		3	Elective	Practical	A22486	Information Technology Service Management		2	Elective	Practical
A22869	Project Management		3	Elective	Practical	A22667	Research Methods for Business		3	Elective	Practical
A22730	Service and Knowledge for Practice		2	Elective	Practical	A22470	Technology and Human Behaviors		3	Elective	Academic
A22384	Certificate of information management	2		Elective	Practical	A22466	Special Topics in Information Management		3	Elective	Practical
A22030	Management Information Systems of Greenergy	3		Elective	Academic	A22474	Web Teaching Management		3	Elective	Practical
A22723	Medical big data	3		Elective	Practical	A22414	Seminar in		3	Elective	Practical

		analysis							information management				
								A22705	Practical Training (II)		3	Elective	Practical
								A22453	Artificial Intelligence & Expert System		3	Elective	Practical (A)
Total Required Credits for this Academic Year			15				Total Required Credits for this Academic Year			9			

（系所章戳）