

I-SHOU UNIVERSITY

Department of Information Engineering

Curriculum for Doctoral Students Admitted in Academic Year 2023

Made in 2023/04/18

* Credits required for graduation from the Program: 30, including:

- Required professional courses: 12 credits
- Elective professional courses: 18 credits (Elective courses "Independent Study" will not be included.)
- Dissertation: required courses without credits (capstone courses)

Note: Students are required to meet the requirements set by the Program for Doctoral Degree Requirements in addition to earning the required number of credits to be eligible for graduation.

First Year (2023)

Second Year (2024)

	Course Title	1 st Semester	2 nd Semester	Required / Elective	Course Code		Course Title	1 st Semester	2 nd Semester	Required / Elective	Course Code
R e q u i r e d P r o f e s s i o n a l C o u r s e s	Seminar(I)	2		Required	D03676	R e q u i r e d P r o f e s s i o n a l C o u r s e s	Seminar(III)	2		Required	D03681
	Seminar(II)		2	Required	D03680		Independent Study(III)	1		Required	D03520
	Seminar(III)	1		Required	D03518		Seminar(IV)		2	Required	D03684
	Seminar(IV)		1	Required	D03519		Independent Study(IV)		1	Required	D03521
	Research Ethics		0	Required	D03D01		Doctoral dissertation		0	Required	D03D00

Made in 2023/04/18

(Official Seal of the Program)

I-SHOU UNIVERSITY**Department of Information Engineering****Curriculum for Doctoral Students Admitted in Academic Year 2023**

Made in 2023/04/18

Wireless Sensor Networks	3	Elective	D03767				
Mobile Computing	3	Elective	D03718				
Estimation Theory	3	Elective	D03725				
Scientific and Technical Writing	3	Elective	D03737				
Digital Video/Audio Technology	3	Elective	D03646				
Multimedia Database System	3	Elective	D03686				
Neural Network	3	Elective	D03645				
Soft Computer	3	Elective	D03675				
Error Control Coding	3	Elective	D03601				
Hardware Description Language and Logic Synthesis	3	Elective	D03542				
Digital Signal Processing	3	Elective	M03619				
Advanced Computer Architecture	3	Elective	D03611				
Advance Operating System	3	Elective	D03651				
Automatic VLSI and LCD Inspection system	3	Elective	D03496				
Digital Image Compression	3	Elective	D03668				
Mathematical Programming	3	Elective	D03657				
Combinatorial Analysis	3	Elective	D03648				
Number Theory	3	Elective	D03644				
Digital Video Processing	3	Elective	D03691				

I-SHOU UNIVERSITY

Department of Information Engineering

Curriculum for Doctoral Students Admitted in Academic Year 2023

Made in 2023/04/18

	Computational Geometry	3	Elective	D03745
	Computer System practice	3	Elective	D03357
	Intelligent Image Analytics	3	Elective	D03557
Total Required Credits for this Academic Year				6

Total Required Credits for this Academic Year				6

Third Year (2025)

	Course Title	1 st Semester	2 nd Semester	Required / Elective	Course Code
E l e c t i v e P r o f e s s i o n a l C o u r s e s	Independent Study (V)	1		Elective	D03522
	Independent Study (VI)		1	Elective	D03523
Total Required Credits for this Academic Year					0

Fourth Year (2026)

	Course Title	1 st Semester	2 nd Semester	Required / Elective	Course Code
E l e c t i v e P r o f e s s i o n a l C o u r s e s	Independent Study (VII)	1		Elective	D03524
	Independent Study (VIII)		1	Elective	D03525
Total Required Credits for this Academic Year					0

Fifth Year (2027)

	Course Title	1 st Semester	2 nd Semester	Required / Elective	Remark
--	--------------	--------------------------	--------------------------	---------------------	--------

Sixth Year (2028)

	Course Title	1 st Semester	2 nd Semester	Required / Elective	Course Code
--	--------------	--------------------------	--------------------------	---------------------	-------------

I-SHOU UNIVERSITY

Department of Information Engineering

Curriculum for Doctoral Students Admitted in Academic Year 2023

Made in 2023/04/18

E l e c t i v e P r o f e s s i o n a l C o u r s e s	Independent Study (IX)	1		Elective	D03526
	Independent Study (X)		1	Elective	D03527
Total Required Credits for this Academic Year					0

E l e c t i v e P r o f e s s i o n a l C o u r s e s	Independent Study (XI)	1		Elective	D03528
	Independent Study (XII)		1	Elective	D03529
Total Required Credits for this Academic Year					0

Seventh Year (2029)

	Course Title	1 st Semester	2 nd Semester	Required / Elective	Course Code
--	--------------	-----------------------------	-----------------------------	------------------------	----------------

I-SHOU UNIVERSITY**Department of Information Engineering****Curriculum for Doctoral Students Admitted in Academic Year 2023**

Made in 2023/04/18

E l e c t i v e P r o f e s s i o n a l C o u r s e s	Independent Study (XIII)	1		Elective	D03530
	Independent Study (XIV)		1	Elective	D03531
Total Required Credits for this Academic Year					0