

International Program on Artificial Intelligence Technology

List of Core Courses for 2023

Category	Subject	Credits	Freshman		Sophomore		Junior		Senior	
			Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
GE Core	Chinese Literature A85A01	3	3							
	English Reading A85A02	3	3							
	English Writing and Composition A85A03	3		3						
	Basic Medicine-Codes in Health and Medicine A93A28	2		2						
	Service Education I, II A93A17, A93A18	0	0	0						
	Physical Education I, II A93A15, A93A16	0			0	0				
	Smart Tech 101 A93AN102	2	2							
IPAI & Dept. Core	Introduction to Computer Science A80E01	4	4							
	Calculus(I)(II) A8D001 A8D002	6	3	3						
	Physics A09411	3	3							
	Introduction of Artificial Intelligence Technology A09907	1	1							
	Digital Logic Design A09400	3	3							
	MATLAB Programming A09412	3		3						
	Computer Programming A09200			3						
	Python Programming A09308	3			3					
	Automatic Control A09202	3			3					
	Microprocessor A09401	3				3				
	Computer Vision A09406	3				3				
	Artificial Intelligence A09407	3					3			
	Machine Learning A09314	3						3		
	Engineering Mathematics (I)(II) A09203、A09205	6			3	3				
	Electric Circuits A09204	3			3					
	Signal & System A09410	3			3					
	Electronics A09206	3			3					
	Control Engineering Laboratory A09207	1				1				
	Electronics Laboratory A09209	1				1				
	Digital Systems Laboratory A09415	1					1			
	Special Topic (I)(II) A09212、A09213	4						2	2	
	English Proficiency A09000	0							0	
Core Credits		76	22	14	18	11	4	5	2	0
Elective	GE Elective Credits	10	https://www2.isu.edu.tw/2018/showpage_v01.php?dept_mno=621e&dept_id=2&page_id=28929							
	Elective Credits	42	http://www.ene.isu.edu.tw/2018/showpage_v01.php?dept_mno=506&dept_id=-1&page_id=34945							
Required Credits for Graduation		128								

Remark:

Students are required to meet the requirements set by IPAI for “English Proficiency,” in addition to earning the required number of credits to be eligible for graduation.

(For detailed information about the four-year curriculum, please refer to the website of IPAI)

