

Department of International Program on Intelligent Systems and Automation Engineering List of Core Courses for 2018

Category	Subject	Credits	Freshman		Sophomore		Junior		Senior		
			Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	
GE Core	Chinese Literature A09900	3	3								
	English Reading A09901	3	3								
	English Writing and Composition A09902	3		3							
	Modern Culture and History A09903	4 choose 1	3	3							
	World Culture A09904										
	Presentation Skill A09905										
	Second Language A09906										
	Service Education I, II A93A17, A93A18	0	0	0							
	Physical Education I, II A93A15, A93A16	0			0	0					
ISAE & Dept. Core	Introduction to Computer Science A80E01	4	4								
	Calculus(I)(II) A09100 、 A09102	6	3	3							
	Physics (I)(II) A09101 、 A09103	6	3	3							
	Physics Laboratory A09104	1		1							
	Computer Programming A09200	3		3							
	Mechanism A09201	3			3						
	Engineering Mathematics(I)(II) A09203 、 A09205	6			3	3					
	Electric Circuits A09206	3			3						
	Automatic Control A09202	3				3					
	Electronics A09206	3			3						
	Control Engineering Laboratory A09207	1				1					
	Electronics Laboratory A09209	1					1				
	Digital Systems Laboratory A09208	1					1				
	Communication System Laboratory A09210	1						1			
	Mechatronics Laboratory A09211	1						1			
	Special Topic(I)(II) A09212 、 A09213	4						2	2		
	English Proficiency A09000	0							0		
		Core Credits	59	16	16	12	7	2	4	2	0
Elective	GE Elective Credits	15	http://www.ene.isu.edu.tw/2018/showpage_v01.php?dept_mno=454&dept_id=4&page_id=34760								
	Elective Credits	54	https://www.isu.edu.tw/2018/showpage_v01.php?dept_mno=657&dept_id=5&page_id=30167								
Required Credits for Graduation		128									
Remark: Students are required to meet the requirements set by ISAE 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 ISAE)