

융합학부(IAB융합) (IAB Convergence Major)

학년	학기	학수 구분	과목명	학강실 점의습
없음	1학기	전필	○ IAB사례연구(IAB Case study)	3-3-0
			○ IAB입문및응용(introduction and Applications of IAB)	3-3-0
			○ IAB프로그래밍(IAB Programming)	3-2-2
			○ 클라우드컴퓨팅개론및인공지능기초실습(Cloud Computing and AI Pract ice)	3-2-2
		전선	IAB공학과법(AI Engineering and Law)	3-3-0
	2학기	전필	○ IAB개론및기초실습(이공분야)(Introduction to IAB in Practice)	3-3-0
			○ IAB개론및기초실습(인문사회분야)(Introduction to IoT, AI and Big Da ta)	3-3-0
			○ IAB기초통계(IAB Basic Statistics)	3-2-2
			○ IAB창의적공학설계(IAB Capstone Design)	3-3-0
			4차산업혁명시대의지능윤리(Ethics and Applications of Artificial I ntelligence (AI) in The Age of 4th Industrial Revolution)	3-3-0
			IAB기술창업전략(Business Strategy for IAB-tech Startups)	3-3-0
			IAB로봇공학(IAB Robotics)	3-3-0
			데이터테크놀로지와메타버스(Data Technology and Metaverse)	3-3-0
			스마트지구물리탐사(Smart Geophysics)	3-2-2
			인공지능과새로운인간학(AI and New Anthropology)	3-3-0
2학년	1학기	데이터베이스기초실습(Introduction to Database and Practice)	3-3-0	
		데이터프로그래밍실습(Data Programming Practice)	3-3-0	
		알고리즘과문제해결기초(Introduction to Algorithm and Problem Solv ing)	3-3-0	
	2학기	빅데이터기초실습(Introduction to Bigdata and Practice)	3-3-0	
		인공지능개론및실습(Introduction to Artificial Intelligence and Pr actice)	3-3-0	
3학년	1학기	전선	IAB제어공학(IAB Control Engineering)	3-3-0
			언어와데이터리터러시(Data Literacy for Language Analysis)	3-3-0
			클라우드컴퓨팅개론및실습(Introduction to Cloud Computing and Prac tice)	3-3-0
	2학기		IoT프로그래밍실습(Introduction to IoT Programming and Practice)	3-3-0
			고급IoT프로그래밍(Advanced IoT Programming)	3-3-0
			모바일프로그래밍실습(Mobile Programming Practice)	3-3-0
			웹프로그래밍실습(Web Programming Practice)	3-3-0
4학년	1학기		IoT를위한인공지능반도체(Intelligent sensors and semiconductor dev ices for IoT)	3-3-0
			고급빅데이터분석기법(Advanced Bigdata Analysis)	3-3-0
			빅데이터개론(Introduction to Big Data)	3-3-0
		알고리즘(Algorithm)	3-3-0	

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4학년	2학기	전선	SW융합프로젝트(SW Convergence Project Capstone Design)	3-3-0
			대항해시대와문화빅데이터분석(The Age of Discovery: Cultural Big Data Analysis)	3-3-0
			디지털자산과법률(Digital Property Law)	3-3-0
			딥러닝(Deep Learning)	3-3-0
			마이크로바이옴데이터분석과활용(Analysis and utilization of microbiome data)	3-3-0
			컴퓨터비전을위한딥러닝(Deep Learning Computer Vision)	3-3-0
			텍스트마이닝(Text Mining)	3-3-0

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