

컴퓨터학부 인공지능컴퓨팅전공 교육과정(2023학년도 기준)

학년	구분	1학기			2학기		
		과목번호	교과목명 (영문명)	학점 체계	과목번호	교과목명 (영문명)	학점 체계
1	교양	CLTR0205	대학글쓰기 (Basic Writing)	3-3-0	CLTR0003	실용화법 (Practical Narrative)	3-3-0
		CLTR0045	논리와 비판적 사고 (Logic and Critical Thinking)	3-3-0	CLTR0211	수학 I (Calculus I)	3-3-0
		CLTR0819	기초수학2 (Basic Mathematics 2)	3-3-0	-	-	-
	전공	COMP0453	컴퓨팅사고와 SW코딩(전공필수) (Computational Thinking and SW coding)	3-2-2	COMP0454	인공지능수학기초(전공필수) (Mathematics for AI)	3-3-0
		COMP0218	인공지능과컴퓨팅 (AI and Computing)	3-3-0	COMP0204	프로그래밍 기초 (Programming for Beginners)	6-4-4
		COME0301	이산수학 (Discrete Mathematics)	3-3-0	COMP0205	기초창의공학설계 (Creative Engineering Design)	3-2-2
2	교양	FUTR0208	미래산업과 직업선택 (Future Technology and Job Market)	3-3-0	CLTR0246	일반생명과학 I (Biological Science I)	3-3-0
	전공	MTED0231	선형대수 (Linear Algebra)	3-3-0	COME0311	확률 및 통계 (Probability & Statistics)	3-3-0
		COME0331	자료구조(전공필수) (Data Structure)	3-3-0	ITEC0419	데이터과학기초 (introduction to Data Science)	3-3-0
		COMP0216	자료구조응용 (Data Structure Applications)	3-2-2	COMP0324	인공지능(전공필수) (Artificial Intelligence)	3-3-0
		COMP0217	자바프로그래밍 (Java Programming)	3-2-2	COMP0312	운영체제 (Operating Systems)	3-3-0
		COMP0411	컴퓨터구조 (Computer Architectures)	3-3-0	ELEC0462	시스템프로그래밍 (System Programming)	3-2-2
		COMP0315	오토마타및형식언어 (Automata Formal Language)	3-0-0	COMP0224	소프트웨어설계 (Software Design)	3-3-0
3	교양	CLTR0264	소셜네트워크 (Social Networks)	3-3-0	CLTR0212	수학 II (Calculus II)	3-3-0
	전공	ITEC0417	기계학습개론(전공필수) (Introduction to Machine Learning)	3-3-0	MOBI0224	딥러닝 (Deep Learning)	3-3-0
		CAIB0233	영상이해 (Understanding of Images)	3-3-0	CAIB0211	자연어처리개론 (introduction to Natural Language)	3-3-0
		COMP0321	컴파일러 (Compiler)	3-3-0	ITEC0424	컴퓨터비전 (Computer Vision)	3-3-0
		GLSO0215	오픈소스프로그래밍 (Open Source Programming)	3-2-2	CAIB0216	강화학습개론 (Introduction to Reinforcement)	3-3-0
		COMP0319	알고리즘1(전공필수) (Algorithms 1)	3-3-0	COMP0322	데이터베이스 (Database Management Systems)	3-2-2
		COMP0323	데이터통신 (Data Communications)	3-3-0	ITEC0401	종합설계프로젝트1(전공필수) (Capstone Design Project)	4-3-2
4	교양	FUTR0201	기업가정신과 벤처창업 (Entrepreneurship and Venture Creation)	3-3-0	CLTR0078	심리학의 이해 (Understanding of Psychology)	3-3-0
	전공	COMP0462	데이터마이닝이론및응용 (Datamining Theory and Applications)	3-3-0	COMP0457	의료인공지능 (Medical AI)	3-3-0
		MBIO0402	생물정보학개론 (Introduction to Bioinformatics)	3-3-0	CAIB0224	정보이론기초 (Introduction to Information Theory)	3-3-0
		COMP0419	정보검색 (Information Retrieval)	3-3-0	COMP0455	지능HCI (Intelligent Human-Computer)	3-3-0
		COMP0219	인공지능수학심화 (Advanced Mathematics for AI)	3-3-0	ITEC0514	뇌인지공학개론 (Introduction to Brain and Cognitive)	3-3-0
		CAIB0222	인공지능시스템 (Artificial Intelligence Systems)	3-3-0	COMP0436	증강현실 (Augmented Reality)	3-3-0
		CAIB0234	신경망개론 (Introduction to Neural Networks)	3-3-0	COMP0328	모바일앱프로그래밍1 (Mobile App Programming 1)	3-2-2
		CAIB0225	음성인식 (Speech recognition)	3-3-0	COME0368	정보보호론 (Theory of Information Security)	3-3-0
		COMP0414	컴퓨터망 (Computer Networks)	3-3-0	ITEC0418	대규모병렬컴퓨팅 (Massively Parallel Computing)	3-3-0
		ITEC0415	고급문제해결 (Advanced Problem Solving)	3-2-2	GLSO0227	클라우드컴퓨팅 (Cloud Computing)	3-3-0
		COMP0460	문제해결기반 공학연수실습(컴퓨터학) Experiment:Computer Science & Engineering)	2-1-2	COMP0220	시심화글쓰기 (Technical writing in AI)	3-3-0