인공지능융합학과 교과목일람표

순번	학수번호	교과목명(국문)	교과목명(영문)	대상과정	학점
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201	416665	사물인터넷보안특론	Advanced IoT Security	**공통**	3
202	300768	사운드디자인특론	Topics on Sound Design	**공통**	3
203	416932	사이버공간과 사이버작전	Cyber Space and Cyber Operation	**공통**	3
204	416707	사이버범죄수사	Cybercriminal Investigation	**공통**	3
205	416783	사이버안보전략	Cyber Security Strategy	**공통**	3
206	417147	사이버안전개론	Cyber-security Introduction	**공통**	3
207	416886	사이버전 상황인식 개론	Introduction to Cyber Warfare Situation Awareness	**공통**	3
208	416887	사이버전 상황인식 특론	Topics on Cyber Warfare Situation Awareness	**공통**	3
209	416712	사이버전 지휘통제론	Command & Control in Cyber-Warfare	**공통**	3
210	416879	사이버전개론	Introduction to Cyber Warfare	**공통**	3
211	416637	사이버전특론	Special Topics on Cyber Warfare	**공통**	3
212	417148	산업보안개론	Industry Security Introduction	**공통**	3

213	416738	산업보안과안전	Cyber Security and Safety	**공통**	3
214	416686	산업체현장실습	R&D Internship	**공통**	3
215	416826	산학협력세미나	Industry-Academic Cooperation Seminar	**공통**	3
216	417621	생성형AI	Generative AI	**공통**	3
217	057658	생체인식개론	Biometrics	**공통**	3
218	084621	생체인식특론	Special lectures on Biometrics	**공통**	3
219	200079	석사논문연구1	Master's thesis research 1	**석사**	3
220	200204	석사논문연구2	Master's thesis research 2	**석사**	3
221	416540	석사산학공동연구 PBL 1	Project-Based Learning for Master's 1	**석사**	3
222	416541	석사산학공동연구 PBL 2	Project-Based Learning for Master's 2	**석사**	3
223	416842	선형시스템	Linear Systems	**공통**	3
224	416843	선형시스템및제어	Linear Systems and Controls	**공통**	3
225	416552	선형시스템특론	Topics in Linear System Theory	**공통**	3
226	057615	성능분석특론	Topics on System Performance Evaluation	**공통**	3
227	416561	센서및액츄에이터	Sensors and Actuators	**공통**	3
228	416866	센서융합필터링	Sensor Fusion and Filtering	**공통**	3
229	416366	소프트웨어공학과보안	Software Engineering and Security	**공통**	3
230	057640	소프트웨어공학특론	Topics on Software Engineering	**공통**	3
231	416364	소프트웨어분석과보안코딩	Software Analysis and Secure Coding	**공통**	3
232	416049	스마트그리드통신망	Communication Network in Smart Grid	**공통**	3
233	417119	스마트컴퓨팅기술 개론	Introduction to Smart Computing technology	**공통**	3
234	417120	스마트컴퓨팅기술 특론	Topics on Smart Computing technology	**공통**	3
235	416250	스트림마이닝특론	Topics on Stream Mining	**공통**	3
236	416850	시각기반학습과인지	Visual Learning and Recognition	**공통**	3
237	416253	시각적데이터분석	Visual Analytics	**공통**	3
238	057657	시과학개론	Vision Science	**공통**	3
239	084624	시과학특론	Special Topics on Vision Science	**공통**	3
240	416370	시스템보안특론	Advanced System Security	**공통**	3
241	300715	신경망개론	Introduction to Neural Networks	**공통**	3
242	057676	신경망특론	Special Lectures on Neural Network	**공통**	3
243	057670	실시간렌더링개론	Realtime Rendering	**공통**	3
244	057667	실시간렌더링특론	Lecture on Realtime Rendering	**공통**	3
245	300716	실시간로보틱스특론	Topics on Real-Time Robotics	**공통**	3
246	057616	실시간시스템특론	Topics on Real-time System	**공통**	3
247	416859	연구란무엇인가	Introduction to Research	**공통**	3
248	416818	연구방법론과 기술문서작성	Research Methodology and Technical Writing	**공통**	3

249	416739	영상보안특론	Advanced Video Security	공통	3
250	416857	영상압축및통신	Image Compression and Communication	공통	3
251	416858	영상이해	Image Understanding	공통	3
252	300718	영상통신개론	Image Communication	공통	3
253	057646	운영체제특론	Topics on Operating Systems	공통	3
254	416839	융합기술과연구방법	Integrated Technology and Research Method	공통	3
255	416361	융합보안	Convergence Security	공통	3
256	416426	음성인식개론	Introduction to Speech Recognition	공통	3
257	416848	응용기계학습	Applied Machine Learning	공통	3
258	300721	응용데이터베이스개론	Applied Databases	공통	3
259	300722	응용데이터베이스특론	Topics on Applied Databases	공통	3
260	057619	응용영상처리개론	Applied Image Processing	공통	3
261	300724	응용영상처리특론	Topics on Applied Image Processing	공통	3
262	300725	응용운영체제개론	Applied Operating System	공통	3
263	300726	의료영상처리개론	Medical Image Processing	공통	3
264	084611	의료영상처리특론	Special Topics on Medical Image Processing	공통	3
265	416567	이동통신특론	Special Issue for Mobile Communications	공통	3
266	416864	이동통신표준	Mobile Communication Standards	공통	3
267	083647	인간과컴퓨터개론	Human and Computers	공통	3
268	300728	인간과컴퓨터특론	Topics in Human and Computer	공통	3
269	416670	인공지능개론	Introduction to Artificial Intelligence	공통	3
270	416995	인공지능보안특론	Advanced Artificial Intelligence Security	공통	3
271	416854	인공지능수학	Mathematics of Artificial Intelligence	공통	3
272	083645	인공지능특론	Topics on Artificial Intelligence	공통	3
273	416372	인증프로토콜특론	Authentication Protocols	공통	3
274	057677	인터넷보안특론	Topics on Internet Security	공통	3
275	300730	인터넷응용개론	Internet Applications	공통	3
276	057629	인터넷응용특론	Topics on Internet Applications	공통	3
277	300731	인터넷통신개론	Internet Communication	공통	3
278	300732	인터넷통신망특론	Topics on Internet Network	공통	3
279	057632	인터넷프로토콜특론	Topics on Internet Protocol	공통	3
280	300733	인터랙티브그래픽스특론	Topics on Interactive Graphics	공통	3
281	416846	자동차동역학및제어	Vehicle Dynamics and Control	공통	3
282	416847	자동차시스템모델링	Vehicle System Modeling	공통	3
283	416999	자연어처리개론	Introduction to Natural Language Processing	공통	3
284	416845	자율주행자동차제어	Autonomous Vehicle Control	공통	3

285	416832	자율주행환경인식시스템	Autonomous Vehicle Environmental Perception System	**공통**	3
286	417280	저작권보호기술	Copyright Protection Technology	**공통**	3
287	415864	저전력시스템설계개론	Low Power System Design	**공통**	3
288	415865	저전력시스템설계특론	Topics on Low Power System Design	**공통**	3
289	300147	전력IT특론	Special topics on IT in Power Industry	**공통**	3
290	416927	전력반도체소자	Power Semiconductor Device	**공통**	3
291	416834	전력소자공학	Power Device Engineering	**공통**	3
292	416835	전력소자설계	Power Device Design	**공통**	3
293	300635	전력전자특론	Advanced Power Electronics	**공통**	3
294	300734	전문가시스템개론	Expert Systems	**공통**	3
295	057625	전문가시스템특론	Topics on Expert Systems	**공통**	3
296	084615	전산특강1	Special Topics 1	**공통**	3
297	300737	전산특강2	Special Topics 2	**공통**	3
298	057651	전산특강3	Special Topics 3	**공통**	3
299	300068	전산특강4	Special Topics 4	**공통**	3
300	415961	정보검색특론	Topics on Information Retrieval	**공통**	3
301	416838	정보디스플레이	Information Display	**공통**	3
302	416779	정보디스플레이공학	Information Display Engineering	**공통**	3
303	300740	정보보호개론	Introduction to Information Security	**공통**	3
304	415904	정보보호응용프로토콜	Introduction to Cryptographic Protocols	**공통**	3
305	057672	정보보호특론	Topics on Information Security	**공통**	3
306	416526	정보상품융합론	Topics on Converged Information Resources	**공통**	3
307	416862	정보이론	Information Theory	**공통**	3
308	300150	정보자원관리개론	Information Resource Management	**공통**	3
309	416360	정보통신기반시설보안	Infrastructure(SCADA) Security	**공통**	3
310	416740	정보통신망법연구	A Study on the Information and Communication Network Act	**공통**	3
311	057664	정보통신특론	Topics on Information and Communication	**공통**	3
312	300070	증강현실특론	Topics on Augmented Reality	**공통**	3
313	416786	지능보안	Intelligent Security	**공통**	3
314	416548	지능시스템특론	Topics in Intelligent Systems	**공통**	3
315	416827	지능신호처리	Intelligent Signal Processing	**공통**	3
316	416868	지능제어시스템	Intelligent Control Systems	**공통**	3
317	416867	지능형로보틱스	Intelligent Robotics	**공통**	3
318	416829	지능형무선통신시스템	Intelligent Wireless Communication Systems	**공통**	3
319	416825	지능형사물인터넷	AI Internet of Things	**공통**	3
320	416865	지능형센서시스템	Intelligent Sensor Systems	**공통**	3

321	416323	지능형시스템개론	Introduction to Intelligent Systems	공통	3
322	416324	지능형시스템특론	Topics on Intelligent Systems	공통	3
323	300741	지식기반시스템개론	Knowledge-Based Systems	공통	3
324	057623	지식기반시스템특론	Topics on Knowledge-Based Systems	공통	3
325	057671	초고속통신개론	Introduction to Broadband Communication	공통	3
326	057648	초고속통신특론	Topics on Broadband Communication	공통	3
327	416814	최적화이론	Optimization Theory	공통	3
328	300775	캐릭터애니메이션특론	Topics on Character Animation	공통	3
329	300776	컴퓨터게임개론	Computer Games	공통	3
330	083648	컴퓨터게임특론	Topics on Computer Games	공통	3
331	084628	컴퓨터구조특론	Topics on Computer Architecture	공통	3
332	416425	컴퓨터그래픽스개론	Introduction to Computer Graphics	공통	3
333	300777	컴퓨터그래픽스스튜디오1	Computer Graphics Studio 1	공통	3
334	300778	컴퓨터그래픽스스튜디오2	Computer Graphics Studio 2	공통	3
335	083620	컴퓨터그래픽스특론	Topics on Computer Graphics	공통	3
336	416546	컴퓨터네트워크개론	Introduction to Computer Networks	공통	3
337	416547	컴퓨터네트워크특론	Topics in Computer Networks	공통	3
338	416856	컴퓨터비전	Computer Vision	공통	3
339	300743	컴퓨터비젼개론	Computer Vision	공통	3
340	057624	컴퓨터비젼특론	Topics on Computer Vision	공통	3
341	083703	컴퓨터애니메이션특론	Topics on Computer Animation	공통	3
342	057666	컴퓨터연산기개론	Computer Arithmetic	공통	3
343	057675	컴퓨터연산기특론	Lecture on Computer Arithmetic	공통	3
344	300744	컴퓨터음악개론	Computer Music	공통	3
345	416579	클라우드컴퓨팅개론	Fundamentals of Cloud Computing	공통	3
346	416782	통신비밀보호법에 관한 연구	Protection of Communications Secrets Act Research	공통	3
347	416830	통신시스템최적화	Optimization for Communication Systems	공통	3
348	300779	특수효과특론	Topics on Special Effect	공통	3
349	300745	패턴분류개론	Pattern Classification	공통	3
350	300746	패턴분류특론	Topics on Pattern Classification	공통	3
351	057668	패턴인식개론	Pattern Recognition	공통	3
352	057617	패턴인식특론	Topics on Pattern Recognition	공통	3
353	300747	퍼지이론특론	Topics on Fuzzy Theory	공통	3
354	300748	프로그래밍언어특론	Topics on Programming Language	공통	3
355	300749	프로젝트관리론개론	Project Management	공통	3
356	416666	하이퍼바이저보안특론	Special Issue on Hypervisor Security	공통	3

357	416559	항법유도제어특론	Navigation, guidance & control system theory	**공통**	3
358	416860	행렬이론및선형대수	Matrix Theory and Linear Algebra	**공통**	3
359	416371	현대암호학	Introduction to Modern Cryptography	**공통**	3
360	416861	확률과정	Random Processes	**공통**	3
361	416878	확률적 자료구조	Probabilistic Data Structures	**공통**	3
362	416823	확장현실	Extended Reality	**공통**	3