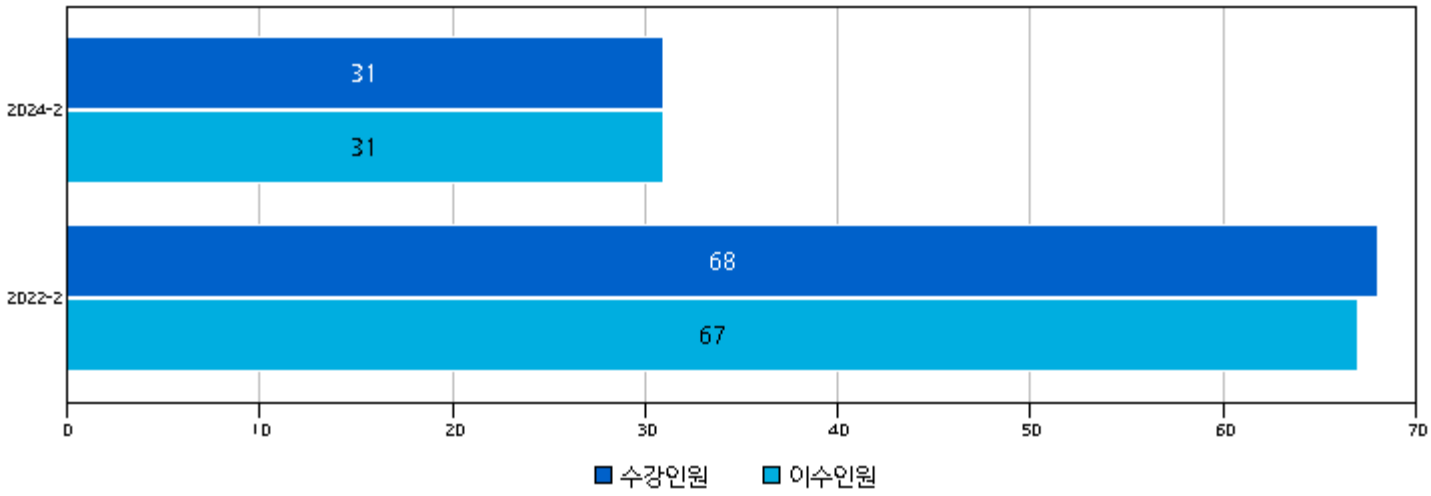
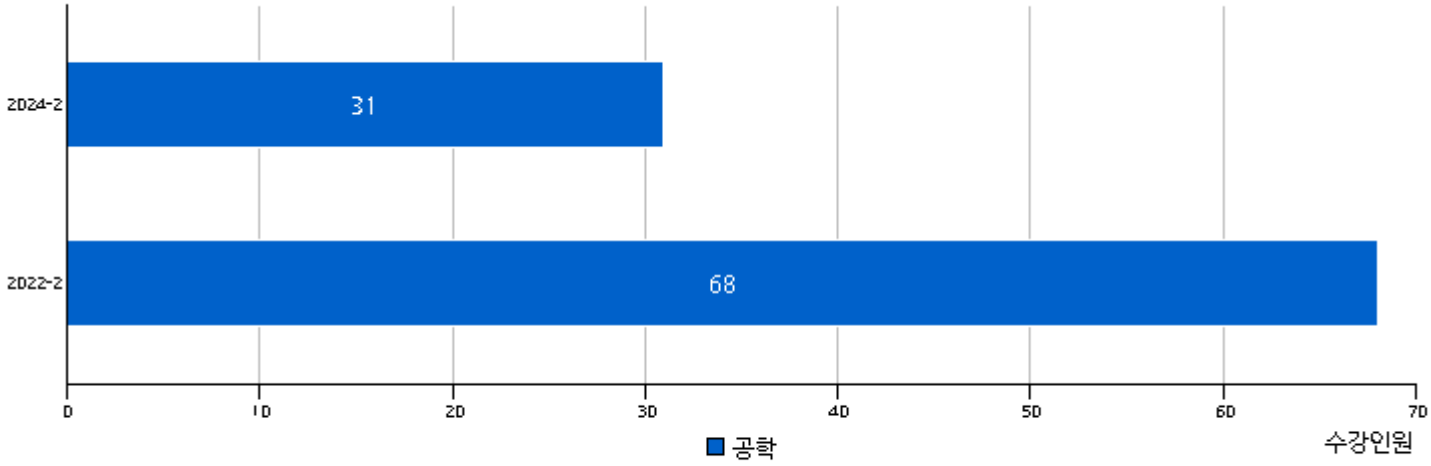
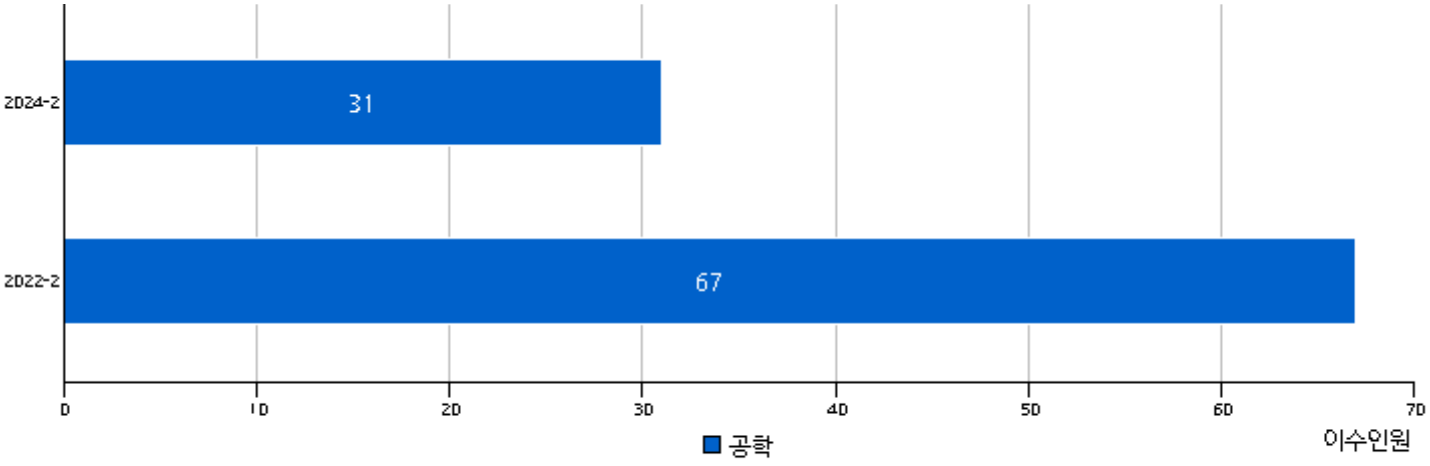
교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

1. 교과목 수강인원





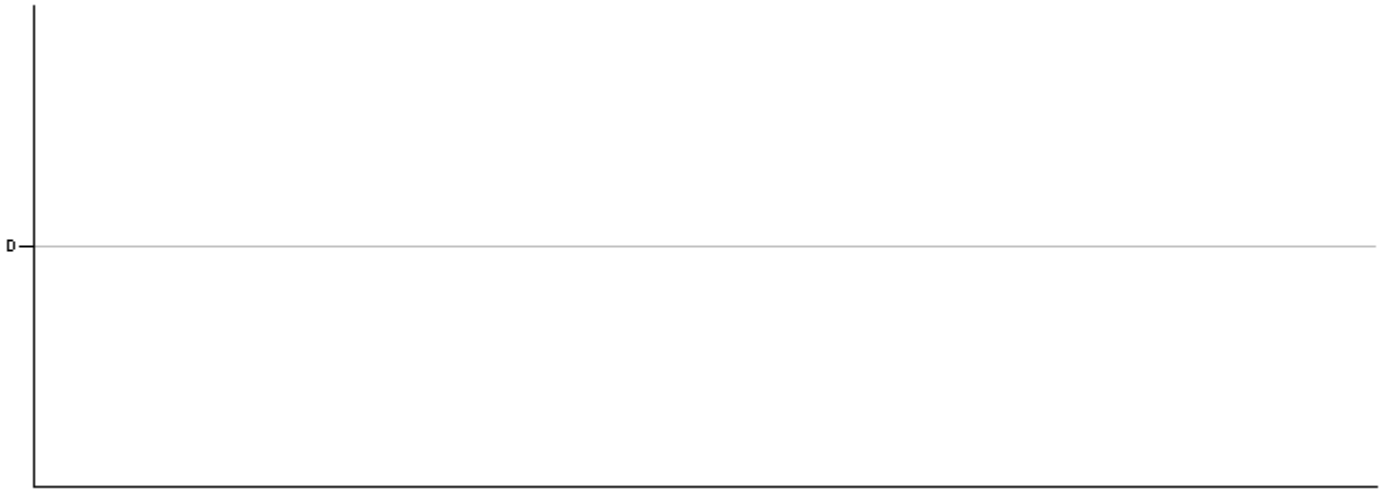


교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

수업년도	수업학기	계열구분	수강인원	이수인원
2022	2	공학	68	67
2024	2	공학	31	31

교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

2. 평균 수강인원



수업년도	수업학기	캠퍼스	공통교과목	학과교과목	해당교과목	내교과목
No data have been found.						

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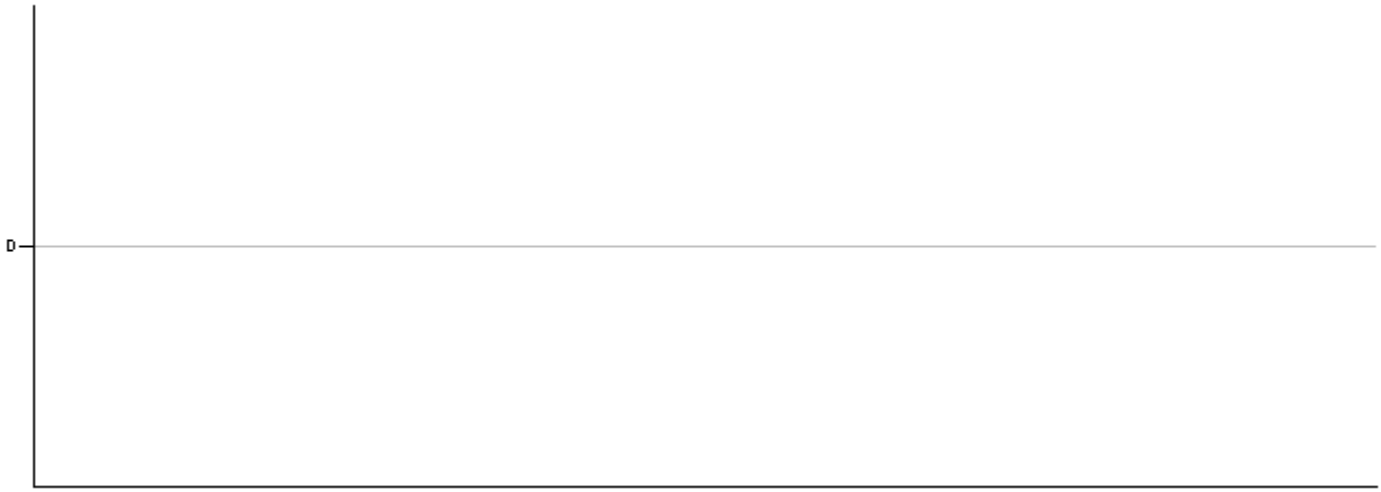
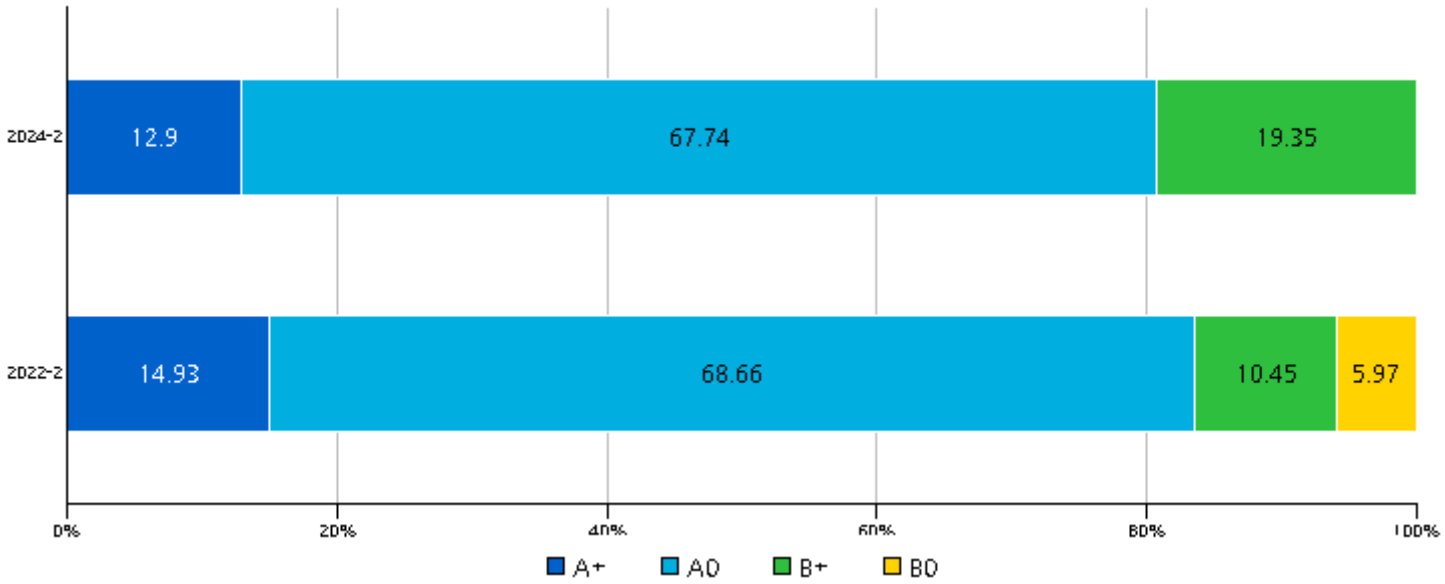
3. 성적부여현황(평점)



수업년도	수업학기	캠퍼스	공통교과목	학과교과목	해당교과목	내교과목
No data have been found.						

교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

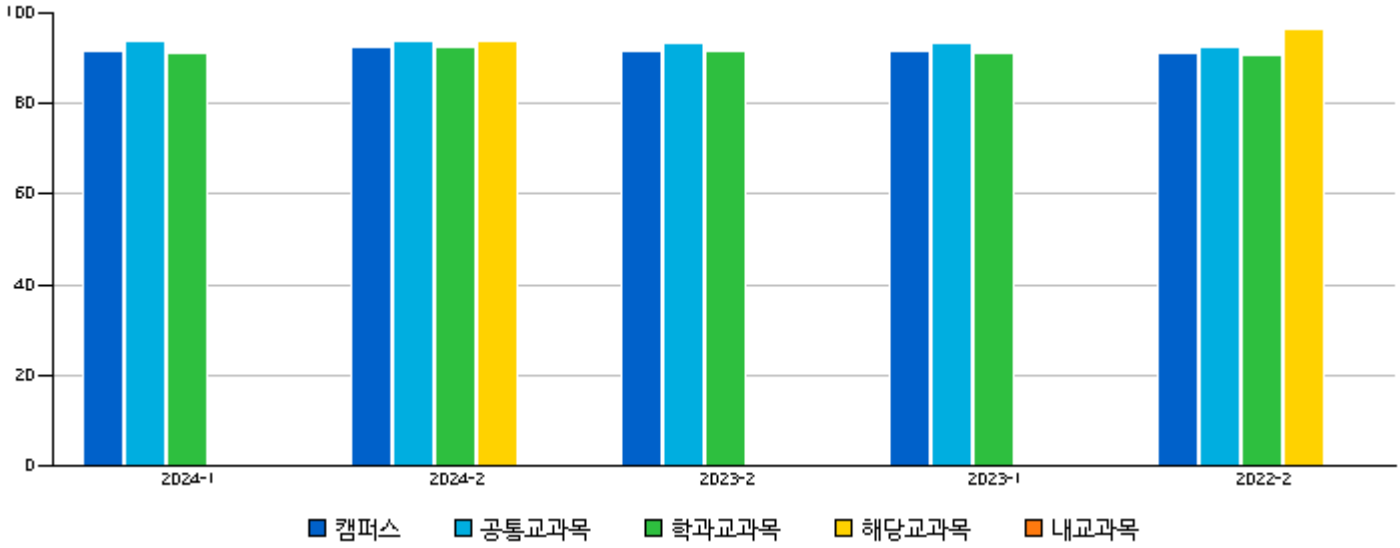
4. 성적부여현황(등급)



수업년도	수업학기	등급	인원	비율
2022	2	A+	10	14.93
2022	2	A0	46	68.66
2022	2	B+	7	10.45
2022	2	B0	4	5.97
2024	2	A+	4	12.9
2024	2	A0	21	67.74
2024	2	B+	6	19.35

교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

5. 강의평가점수



수업년도	수업학기	캠퍼스	공통교과목	학과교과목	해당교과목	내교과목
2024	1	91.5	93.79	91.1		
2024	2	92.56	93.8	92.33	94	
2023	2	91.8	93.15	91.56		
2023	1	91.47	93.45	91.13		
2022	2	90.98	92.48	90.7	96.5	

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6. 강의평가 문항별 현황

번호	평가문항	본인평균 (가중치적용)	소속학과,대학평균과의 차이 (+초과,-:미달)				점수별 인원분포				
							매우 그렇치않다	그렇치않다	보통이다	그렇다	매우 그렇다
	교강사:	5점 미만	학과		대학		1점	2점	3점	4점	5점
			차이	평균	차이	평균					
No data have been found.											

7. 개설학과 현황

학과	2024/2	2022/2			
데이터사이언스학부	1강좌(3학점)	2강좌(6학점)	0강좌(0학점)	0강좌(0학점)	0강좌(0학점)

8. 강좌유형별 현황

강좌유형				2022/2	2024/2
일반	0강좌(0)	0강좌(0)	0강좌(0)	2강좌(68)	1강좌(31)

9. 교과목개요

교육과정	관장학과	국문개요	영문개요	수업목표
학부 2020 - 2023 교육과정	서울 인텔리전스컴퓨팅학부 데이터사이언스학과		In this course, you will team up in small groups to solve a practical data science problem. You will select from a small range of problem/data sets and plan, execute, change, and complete your project while reporting weekly to the supervisor. You will have to apply knowledge from courses of the year and demonstrate to select meaningful methods to solve your problem. The problem's solution has to comprise a computational model. Apart from the data science knowledge and methods that you justify and apply, grading will include your project management activities of planning, conducting and adapting your tasks, and your communication (in form of presentations to the class, weekly reports, and the final report). This class will be	· Use your knowledge from this year's courses on a real problem and a real dataset in order to o Build a computational model o transfer your knowledge on a practical problem o Get more practical

교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

교육과정	관장학과	국문개요	영문개요	수업목표
			accompanied by brief lecture-style parts from the supervisor on the problems, and project management methods. Each group will receive feedback on their project work each class day.	experience with the methods learned o See limits and benefits of known approaches for your specific problem o Identify missing knowledge and organize it acquisition o Extend your existing knowledge in a problem-specific way · Organize your work in a group of three o Learn to structure individual and group work o Experience to follow a schedule o Learn to change your plans with the progress of the course o Test how to best visualize data for your audience to make a point o Document your work and decisions o Train to

교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

교육과정	관장학과	국문개요	영문개요	수업목표
				identify relevant results and issues and to present them to addressees
학부 2020 - 2023 교육과정	서울 인텔리전스컴퓨팅학부 심리뇌과학과		In this course, you will team up in small groups to solve a practical data science problem. You will select from a small range of problem/data sets and plan, execute, change, and complete your project while reporting weekly to the supervisor. You will have to apply knowledge from courses of the year and demonstrate to select meaningful methods to solve your problem. The problem's solution has to comprise a computational model. Apart from the data science knowledge and methods that you justify and apply, grading will include your project management activities of planning, conducting and adapting your tasks, and your communication (in form of presentations to the class, weekly reports, and the final report). This class will be accompanied by brief lecture-style parts from the supervisor on the problems, and project management methods. Each group will receive feedback on their project work each class day.	· Use your knowledge from this year's courses on a real problem and a real dataset in order to o Build a computational model o transfer your knowledge on a practical problem o Get more practical experience with the methods learned o See limits and benefits of known approaches for your specific problem o Identify missing knowledge and organize it acquisition o Extend your existing knowledge in a problem-specific way · Organize your work in a group of three

교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

교육과정	관장학과	국문개요	영문개요	수업목표
				o Learn to structure individual and group work o Experience to follow a schedule o Learn to change your plans with the progress of the course o Test how to best visualize data for your audience to make a point o Document your work and decisions o Train to identify relevant results and issues and to present them to addressees
학부 2020 - 2023 교육과정	서울 공과대학 데이터사이언스학부	본 수업에서는 팀 단위로 데이터사이언스 방법론을 통해 실제 세계를 이해하는 방법에 대한 학생 역량을 배양한다. 이를 위해 학생들은 현실 문제를 해결할 수 있는 방안을 모색하고 제안한다. 데이터사이언스학부 1-2학년 과정을 통해 배운 데이터사이언스기초, 기초수학, 확률통계, 자료구조, 머신러닝 등의 지식을 바탕으로 객관적인 데이터에 기반한 과학적이고 실현 가능한 방안을 찾는다. 또한, 찾아낸 해결책을 말과 글을 통해 논리적이고 설득력있게 전달하는 능력을 배운다.	This course is to incubate student capabilities of how to understand real-world problems and how to address them with the learning activities that they have contained through the course work. In particular, the second year students in the School of Data Science would have solid understandings of mathematical foundations of vectors, differentiations, probability, data manipulation skills via Python, and the application of data science fundamentals to problem-solving (algorithm design, computational thinking, exploratory data analysis, basic data visualization, ethical/privacy considerations in product design, deployability/scalability from a data engineering standpoint, storytelling around data) taken prior to this capstone course.	- What to understand the problem domain via self-directed background research (the more you know the domain, the better solutions you create) - How to frame the problems you are interested in: - Proposing a hypothesis, contention, or claims - Presentation of your hypothesis,

교과목 포트폴리오 (SOI1008 데이터사이언스프로젝트)

교육과정	관장학과	국문개요	영문개요	수업목표
				contention, or claims - Development of computational approaches to solve the problems - Development of approaches to collect data/evidence to answer your hypotheses - How to modify/manage/store the data collected using computational tools (e.g. Python, Databases) - How to apply the understandings of AI Basics, Python I, and Data Sciences Fundamentals to the problem and the data set you collected

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10. CQI 등록내역

No data have been found.