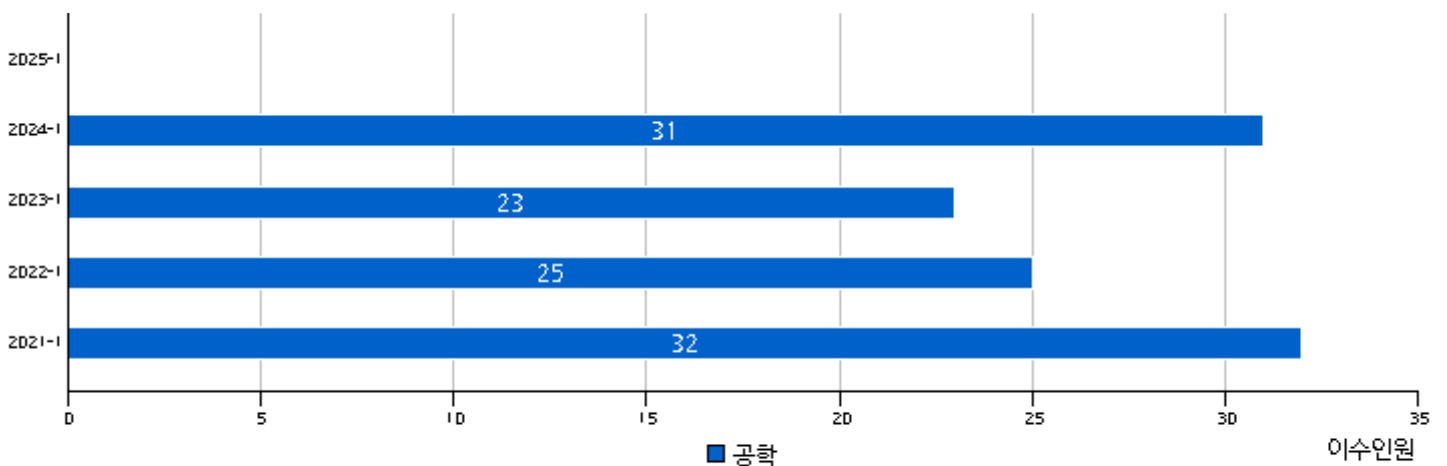
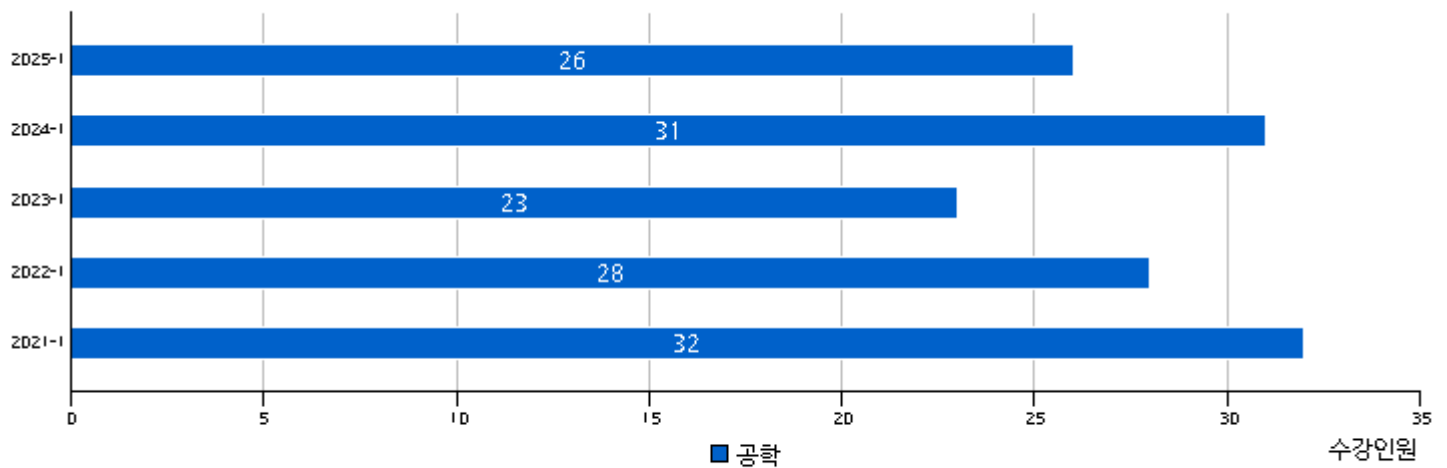
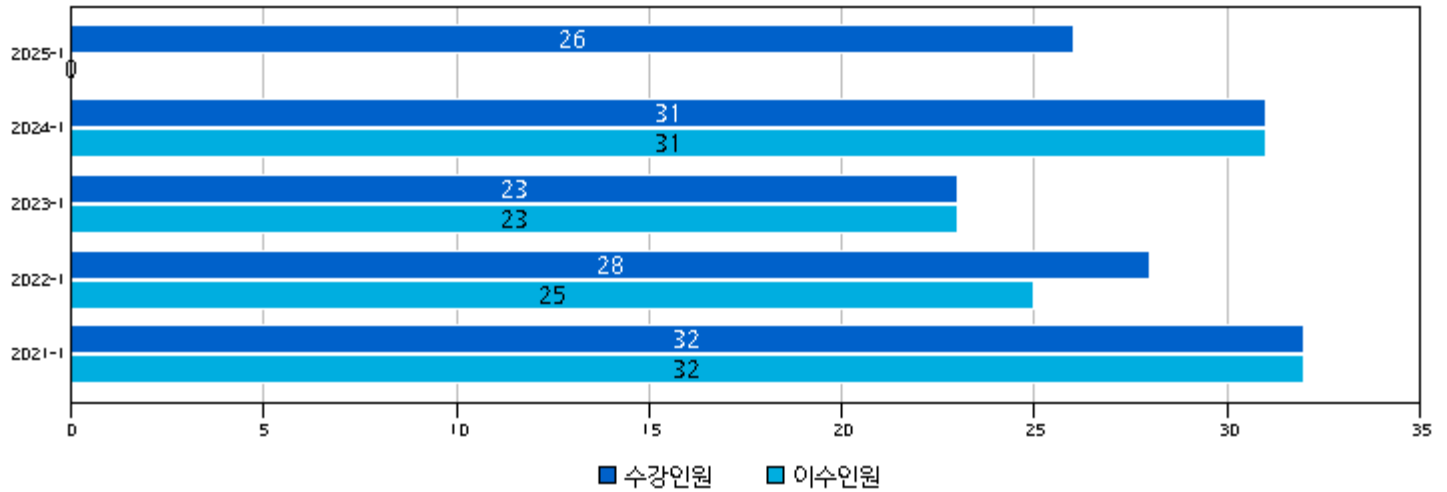


# 교과목 포트폴리오 (ARE4031 건물에너지)

## 1. 교과목 수강인원



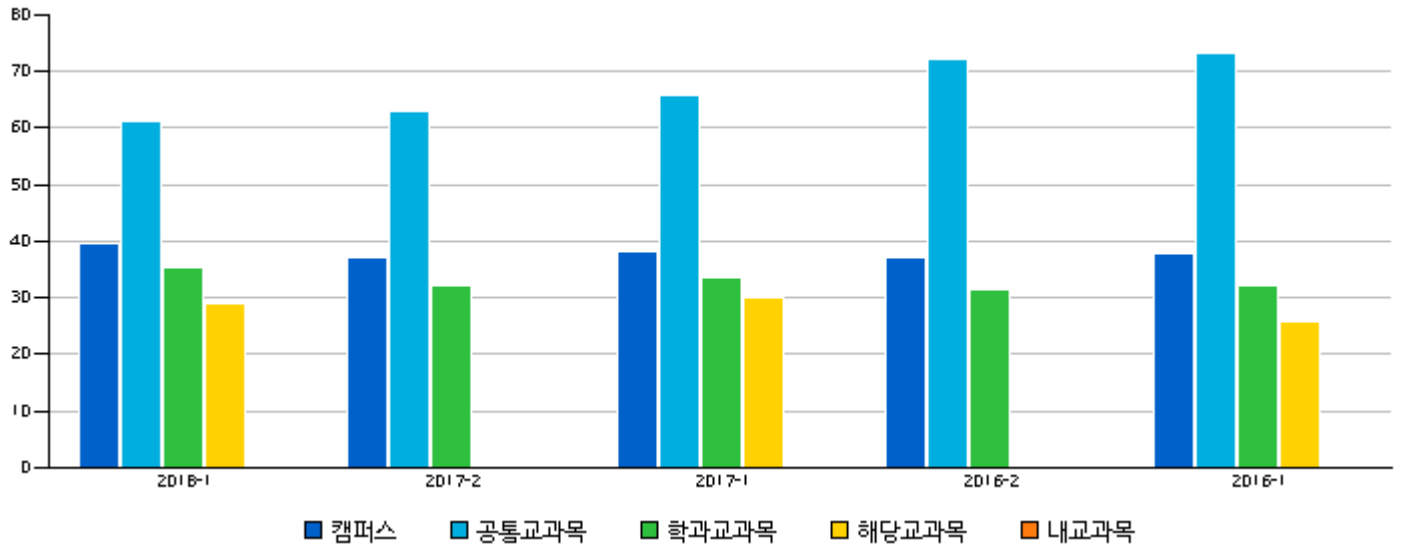
## 교과목 포트폴리오 (ARE4031 건물에너지)

수업년도	수업학기	계열구분	수강인원	이수인원
2021	1	공학	32	32
2022	1	공학	28	25
2023	1	공학	23	23
2024	1	공학	31	31
2025	1	공학	26	0



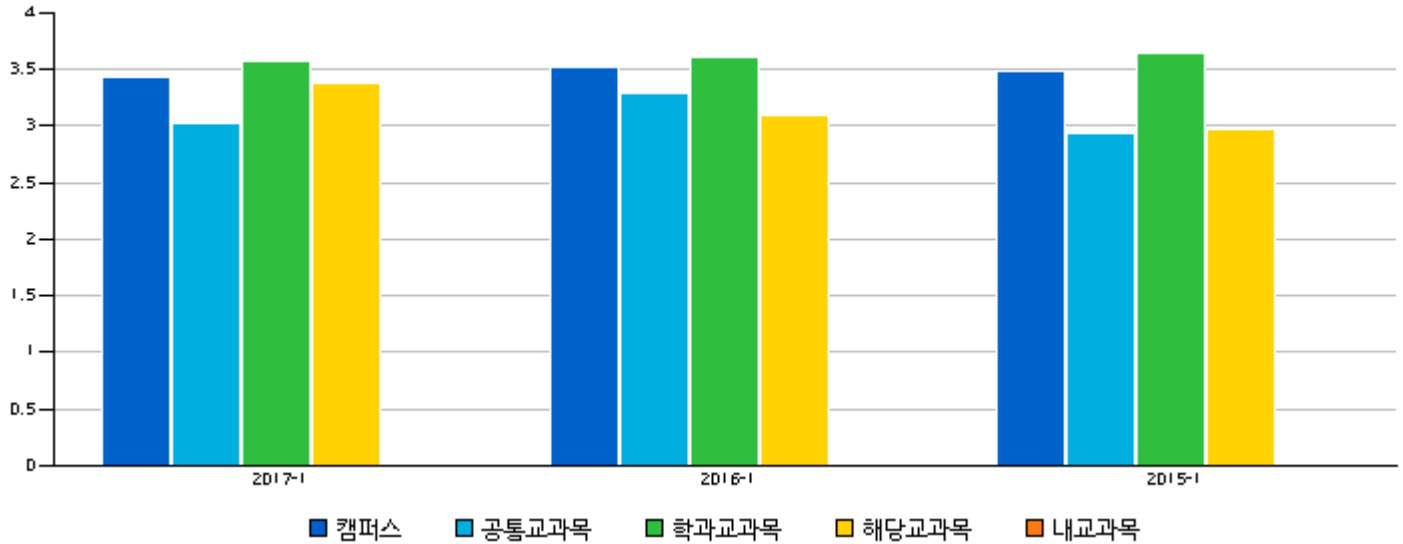
# 교과목 포트폴리오 (ARE4031 건물에너지)

## 2. 평균 수강인원



# 교과목 포트폴리오 (ARE4031 건물에너지)

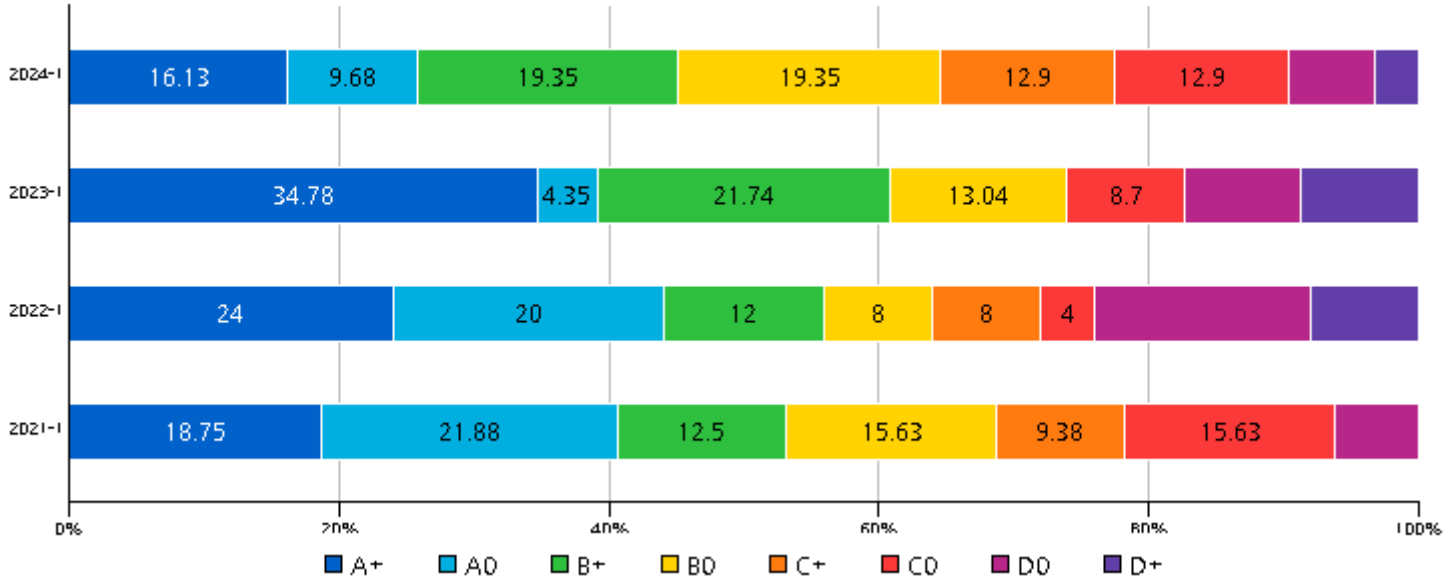
## 3. 성적부여현황(평점)



수업년도	수업학기	캠퍼스	공통교과목	학과교과목	해당교과목	내교과목
2017	1	3.44	3.02	3.58	3.38	
2016	1	3.52	3.29	3.61	3.1	
2015	1	3.49	2.94	3.64	2.97	

# 교과목 포트폴리오 (ARE4031 건물에너지)

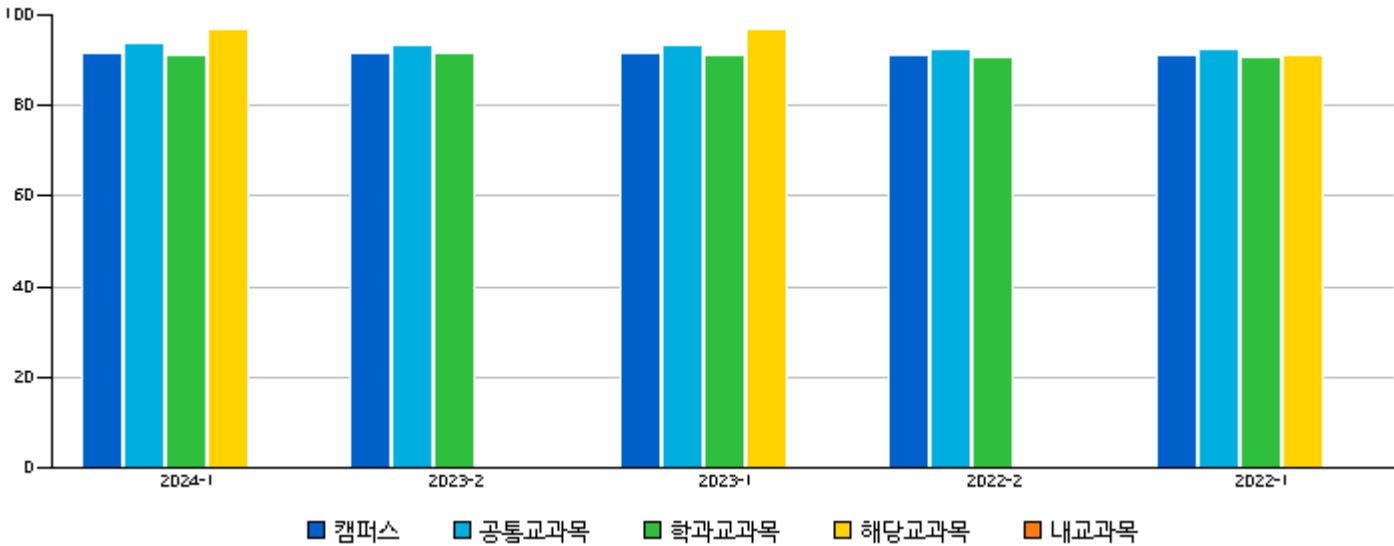
## 4. 성적부여현황(등급)



수업년도	수업학기	등급	인원	비율	수업년도	수업학기	등급	인원	비율
2021	1	A+	6	18.75	2023	1	D+	2	8.7
2021	1	A0	7	21.88	2023	1	D0	2	8.7
2021	1	B+	4	12.5	2024	1	A+	5	16.13
2021	1	B0	5	15.63	2024	1	A0	3	9.68
2021	1	C+	3	9.38	2024	1	B+	6	19.35
2021	1	C0	5	15.63	2024	1	B0	6	19.35
2021	1	D0	2	6.25	2024	1	C+	4	12.9
2022	1	A+	6	24	2024	1	C0	4	12.9
2022	1	A0	5	20	2024	1	D+	1	3.23
2022	1	B+	3	12	2024	1	D0	2	6.45
2022	1	B0	2	8					
2022	1	C+	2	8					
2022	1	C0	1	4					
2022	1	D+	2	8					
2022	1	D0	4	16					
2023	1	A+	8	34.78					
2023	1	A0	1	4.35					
2023	1	B+	5	21.74					
2023	1	B0	3	13.04					
2023	1	C0	2	8.7					

# 교과목 포트폴리오 (ARE4031 건물에너지)

## 5. 강의평가점수



수업년도	수업학기	캠퍼스	공통교과목	학과교과목	해당교과목	내교과목
2024	1	91.5	93.79	91.1	97	
2023	2	91.8	93.15	91.56		
2023	1	91.47	93.45	91.13	97	
2022	2	90.98	92.48	90.7		
2022	1	90.98	92.29	90.75	91	

교과목 포트폴리오 (ARE4031 건물에너지)

6. 강의평가 문항별 현황

번호	평가문항	본인 평 균 (가중 치적용)	소속학과,대학평균과의 차이 (+초과,-:미달)				점수별 인원분포					
							매우 그렇 치않 다	그렇 치않 다	보통 이다	그렇 다	매우 그렇 다	
		5점 미만	학과		대학		1점	2점	3점	4점	5점	
			차이	평균	차이	평균						
	교강사:											

No data have been found.

7. 개설학과 현황

학과	2025/1	2024/1	2023/1	2022/1	2021/1
건축공학부	1강좌(3학점)	1강좌(3학점)	1강좌(3학점)	1강좌(3학점)	1강좌(3학점)

8. 강좌유형별 현황

강좌유형	2021/1	2022/1	2023/1	2024/1	2025/1
일반	1강좌(32)	1강좌(28)	1강좌(23)	0강좌(0)	0강좌(0)
공동강의	0강좌(0)	0강좌(0)	0강좌(0)	1강좌(31)	1강좌(26)

9. 교과목개요

교육과정	관장학과	국문개요	영문개요	수업목표
학부 2024 - 2027 교육과정	서울 공과대학 건축공학부	건물 에너지의 구조와 작용에 대해 공부한다.	Students learn a typical building energy simulation process, and the state-of-the-art technologies in building energy conservation, which will be a strong foundation of realizing zero-energy and low-carbon emission buildings.	Understanding the importance of accurate estimation of building energy performance, simulation tools, and mathematical modeling of typical building thermal and environmental system components.

# 교과목 포트폴리오 (ARE4031 건물에너지)

교육과정	관장학과	국문개요	영문개요	수업목표
				<p>Create an intellectually stimulating environment for original thinking and learning. Discovery will be strongly encouraged, rewarded and expected. We will make this happen by applying current realistic boundary conditions, analytical tools, and technologies to a building.</p>
학부 2020 - 2023 교육과정	서울 공과대학 건축공학부	건물 에너지의 구조와 작용에 대해 공부한다.	<p>Students learn a typical building energy simulation process, and the state-of-the-art technologies in building energy conservation, which will be a strong foundation of realizing zero-energy and low-carbon emission buildings.</p>	<p>Understanding the importance of accurate estimation of building energy performance, simulation tools, and mathematical modeling of typical building thermal and environmental system components.</p> <p>Create an intellectually stimulating environment for original thinking and learning. Discovery will be strongly encouraged, rewarded and expected. We will make this happen by applying current realistic</p>



# 교과목 포트폴리오 (ARE4031 건물에너지)

교육과정	관장학과	국문개요	영문개요	수업목표
				boundary conditions, analytical tools, and technologies to a building.
학부 2016 - 2019 교육과정	서울 공과대학 건축공학부	건물 에너지의 구조와 작용에 대해 공부한다.	<p>Students learn a typical building energy simulation process, and the state-of-the-art technologies in building energy conservation, which will be a strong foundation of realizing zero-energy and low-carbon emission buildings.</p>	<p>Understanding the importance of accurate estimation of building energy performance, simulation tools, and mathematical modeling of typical building thermal and environmental system components.</p> <p>Create an intellectually stimulating environment for original thinking and learning. Discovery will be strongly encouraged, rewarded and expected. We will make this happen by applying current realistic boundary conditions, analytical tools, and technologies to a building.</p>
학부 2013 - 2015 교육과정	서울 공과대학 건축공학부	건물 에너지의 구조와 작용에 대해 공부한다.	<p>Students learn a typical building energy simulation process, and the state-of-the-art technologies in building energy conservation, which will be a strong foundation of realizing zero-energy and low-carbon emission buildings.</p>	<p>Understanding the importance of accurate estimation of building energy performance, simulation tools, and mathematical modeling of</p>

# 교과목 포트폴리오 (ARE4031 건물에너지)

교육과정	관장학과	국문개요	영문개요	수업목표
				<p>typical building thermal and environmental system components.</p> <p>Create an intellectually stimulating environment for original thinking and learning. Discovery will be strongly encouraged, rewarded and expected. We will make this happen by applying current realistic boundary conditions, analytical tools, and technologies to a building.</p>
학부 2009 - 2012 교육과정	서울 공과대학 건축공학부	본 교과목은 건물 에너지의 구조와 작용에 대해 공부한다.	<p>Create an intellectually stimulating environment for original thinking and learning. Discovery will be strongly encouraged, rewarded and expected. We will make this happen by applying current realistic boundary conditions, analytical tools, and technologies to a building. Students learn a typical building energy simulation process, and the state-of-the-art technologies in building energy conservation, which will be a strong foundation of realizing zero energy and low-carbon emission buildings.</p>	

## 교과목 포트폴리오 (ARE4031 건물에너지)

### 10. CQI 등록내역

No data have been found.

