

2023 Architectural Engineering Curriculum

1Year	1semester	<ul style="list-style-type: none"> • P/F : Chapel(1) <P> Chapel(2) <P> • General : College Life and Career Design <1> Cultural Seminar <3> Christian Understanding<2> KEIMYNUG Psychiatric Service<1> COMMUNICATION ENGLISH <2> ACADEMIC ENGLISH <2> Global Citizenship <1> AI&Computing thinking <1> Smart Business and Foundation for Start-ups <2>
	2semester	

1Year		2Year		3Year		4Year	
1semester	2semester	1semester	2semester	1semester	2semester	1semester	2semester

1~2 Year							
	Differential integral calculus	Differential equation	Probability And statistics				
General physics	Digital design	Practical computation					

All - Year Students

균형교양 6개 영역 : Philosophy and History (Required) | Society and culture | science and technology | literature and art | Global Leadership | career exploration / self-development / start-up
Total 15 credits or more required (3 credits each)

2~4 Year							
Structure		Basic IT Construction mechanics	Architectural structural mechanics	reinforced concrete science steel concrete science	computer concrete analysis practice	Reinforced concrete Structural analysis	reinforced concrete structural design
	Construction	Building Constructi on Act	architectural Buaterialology	building Construction	architectural arithmetic	construction management	construction work
uilding System/ Environment			architectural environmental planning		Architectural Equipment Planning	Building Energy Simulation	Smart Building Systems
	Engineering design/ Plan	Basic Design Architectural Engineering Introduction	History of Western architecture	Construction IT	Architectural Engineering Design(2) Building Law and Practice	Architectural Engineering Design(3)	Architectural civil capstone design

All - Year Students

Green Building and Design | Smart city and Net zero | New Materials for Architecture

< > : a course credit
<P> : P/F (0credit)
[Orange Box] : a course in architecture course
※ However, in the case of transfer students, make sure to check the graduation standards on the school website
3rd grade transfer students: 65 credits or more in total (required), 57 credits or more in major (required)
2nd-grade transfer students: A total of 97 credits or more (required), 69 credits or more in major (required)

- Common Liberal Arts : 15 Credits
- Balanced Culture : 15+ Credits
- Major Subject : 18+Credits
- Select Major/ Essential : 69Credits(The first major 54+ credits)
- Graduation Standard: 130 + credits

Common Liberal Arts 15학점 [Required]

Major Basic 18 Credits [Required]

Balanced Culture 15 Credits [Required]

Major Subject (The first major 54+ credits & Other majors included 69+ credits)

Talent training type

fusion-engineered Human Resources Developmen

rescue expert (Structural Engineer)

construction expert (architectural engineer, Engineer of Construction Engineering)

environmental/facility specialist (Architectural equipment engineer, Building Energy Evaluation Engineer)

engineering design expert (Architecture/Interior Design Practice)

Cultivating Global Talent

Architectural Engineering Target Talent Award

Architectural Engineering Expert with Creative Thinking and Convergence Capabilities

2024 Architectural Engineering Curriculum

1Year	1semester	<ul style="list-style-type: none"> • P/F : Chapel(1) <P> Chapel(2) <P> AI&Computing thinking <1> • General : Cultural Seminar <3> CHRISTIANITY AND KEIMYUNG PEOPLE<2> Global Citizenship <1> • COLLEGE ENGLISH <3> Smart Business and Foundation for Start-ups <2>
	2semester	
1Year		<ul style="list-style-type: none"> • P/F : Smart Business and Foundation for Start-ups <2>

1Year		2Year		3Year		4Year	
1semester	2semester	1semester	2semester	1semester	2semester	1semester	2semester

All – Year Students

균형교양 6개 영역 : Philosophy and History | Society and culture | Science and technology | Literature and art | Global Leadership | career exploration/self-development/start-up
Total 15 credits or more required (3 credits each)

	1 Year	2~4 Year					
Major Subject	Computer Statistics and practice College Life and Career-Design	[Major Essential] Architecture Advanced Engineering Mathematics					
Structure		[Major Essential] Basic IT Construction mechanics	Architectural structural mechanics	reinforced concrete science steel concrete science	computer concrete analysis practice	Reinforced concrete Structural analysis	Steel Building design
Construction		Building Construction on Act	[Major Essential] architectural Buaterialology	building Construction	architectural arithmetic building material experiment		construction work
Building System/ Environment			[Major Essential] architectural environmental planning		Architectural Equipment Planning	Building Energy System Modeling	
Engineering design/ Plan	Basic Design	Architectural Engineering Introduction	construction IT	Architectural Engineering Design(2) Building Law and Practice	Architectural Engineering Design(3)	[Major Essential] Architectural civil capstone design	Graduation thesis

All – Year Students

Green Building and Design | International Architecture and Engineering| New Materials for Architecture

< > : a course credit
<P> : P/F (0credit)
[Orange Box] : a course in architecture course
※ However, in the case of transfer students, make sure to check the graduation standards on the school website
3rd grade transfer students: 65 credits or more in total (required), 57 credits or more in major (required)
2nd-grade transfer students: A total of 97 credits or more (required), 69 credits or more in major (required)

- Common liberal Arts : 12 Credits
- Balanced and General liberal Culture : 18+ Credits
- Major Subject/Select/Essential : 69 Credits(The first major 60+ credits)
- Graduation Standard: 120 + credits

Common Liberal Arts 15학점 [Required]

Balanced and General liberal Culture 18 Credits [Required]

Major Subject (The first major 60+ credits & Other majors included 69+ credits)

Talent training type

fusion-engineered Human Resources Development

rescue expert (Structural Engineer)

construction expert (architectural engineer, Engineer of Construction Engineering)

environmental/facility specialist (Architectural equipment engineer, Building Energy Evaluation Engineer)

engineering design expert (Architecture/Interior Design Practice)

Cultivating Global Talent

Architectural Engineering Target Talent Award

Architectural Engineering Expert with Creative Thinking and Convergence Capabilities