

# 2026학년도 교육과정표

건축공학과(Department of Architectural Engineering)

2026.02.02

| 이수<br>구분 | 교과목번호     | 교과목명 (영문명)                                                       | 학점<br>(학점-이론-실습) | 비고   |
|----------|-----------|------------------------------------------------------------------|------------------|------|
| 전공       | AR6000139 | 강구조특론(Advanced Steel Structure)                                  | 3 - 3 - 0        | 석·박사 |
|          | AR6000198 | 건축재료학특론(Advanced Concept & Application of Building Materials)    | 3 - 3 - 0        | 공용   |
|          | AR6000793 | 구조동역학(Dynamics of Structure)                                     | 3 - 3 - 0        | 교과목군 |
|          | AR6001164 | 건축설비설계특론(Advanced Building Equipment Design)                     | 3 - 3 - 0        |      |
|          | AR6001165 | 건물에너지해석특론(Advanced Building Energy Analysis)                     | 3 - 3 - 0        |      |
|          | AR6001291 | 건설IT특론(Advanced Construction IT)                                 | 3 - 3 - 0        |      |
|          | AR6001292 | 건설빅데이터(Big Data in Construction)                                 | 3 - 3 - 0        |      |
|          | AR6001293 | 건설안전관리특론(Advanced Construction Safety Management)                | 3 - 3 - 0        |      |
|          | AR6001294 | 첨단건설안전기술(Smart Construction Safety Technology)                   | 3 - 3 - 0        |      |
|          | AR6002336 | 미세구조해석특론(Advanced Microstructural Analysis)                      | 3 - 3 - 0        |      |
|          | AR6002337 | 인공지능기반재료분석(Ai-Based Material Analysis)                           | 3 - 3 - 0        |      |
|          | AR6002338 | 첨단재료분석기법특론(Advanced Materials Characterization Techniques)       | 3 - 3 - 0        |      |
|          | AR6002339 | 친환경건축재료특론(Advanced Eco-Friendly Building Materials)              | 3 - 3 - 0        |      |
|          | AR6100144 | 내진구조특론(Advanced Earthquake Resistant Structure)                  | 3 - 3 - 0        |      |
|          | AR6300066 | 수치해석법(Numerical Method)                                          | 3 - 3 - 0        |      |
|          | AR6300811 | 유한요소법(Finite Element Method)                                     | 3 - 3 - 0        |      |
|          | AR6500155 | 통계방법론(Theory of Statistical Analysis)                            | 3 - 3 - 0        |      |
|          | AR6500970 | 합성구조특론(Advanced Composite Structure)                             | 3 - 3 - 0        |      |
|          | AR6800702 | 건설사업관리특론 (Construction Project Management)                       | 3 - 3 - 0        |      |
|          | AR6800707 | 건설사업리스크관리론(Risk management and Decision Making)                  | 3 - 3 - 0        |      |
|          | AR6800966 | 건축시공학특론(Advanced Study in Building Construction)                 | 3 - 3 - 0        |      |
|          | AR6800976 | 건축환경학특론(Advanced Studies of Environment in Building)             | 3 - 3 - 0        |      |
|          | AR6800985 | 철근콘크리트구조특론(Advanced Study in Reinforced Concrete Structure)      | 3 - 3 - 0        |      |
|          | AR6900531 | 고성능콘크리트특론(Advanced High Performance Concrete)                    | 3 - 3 - 0        |      |
|          | AR6900559 | 복합재료학특론(Advanced Concept & Application of Composite Materials)   | 3 - 3 - 0        |      |
|          | AR7000432 | 열전달특론(Advanced Heat Transfer)                                    | 3 - 3 - 0        |      |
|          | AR7000434 | 친환경에너지설비시스템(Eco-Friendly Energy Equipment System)                | 3 - 3 - 0        |      |
|          | AR7000920 | FRP보강특론(Advanced Study in Strengthen RC Structures with FRP)     | 3 - 3 - 0        |      |
|          | AR7000923 | 건축열환경특론(Advanced Studies on Building Environment)                | 3 - 3 - 0        |      |
|          | AR7000924 | 에너지절약방법론(Energy Conscious Building Design)                       | 3 - 3 - 0        |      |
|          | AR7000925 | 진동제어설계특론(Advanced Design Concept of Vibration Control Structure) | 3 - 3 - 0        |      |
|          | AR7000926 | 구조안정론(Structure Stability Theory)                                | 3 - 3 - 0        |      |
|          | AR7300074 | 건설사업비관리특론 (Cost Planning and Management)                         | 3 - 3 - 0        |      |
|          | AR7300092 | 건축물에너지특론(Advanced Building Energy Systems)                       | 3 - 3 - 0        |      |
|          | AR7300093 | 냉동공조특론(Advanced Air Conditioning and Refrigeration System)       | 3 - 3 - 0        |      |
|          | AR7300094 | 소성설계특론(Advanced Plastic Design)                                  | 3 - 3 - 0        |      |
|          | AR7300799 | 신재생에너지특론(Advanced Renewable Energy System)                       | 3 - 3 - 0        |      |
|          | AR7300801 | 건축방재계획특론(Advanced Disaster Prevention Plan)                      | 3 - 3 - 0        |      |
|          | AR7600421 | 건설공정및생산성관리특론(Construction Time and Productivity Management)      | 3 - 3 - 0        |      |
|          | AR7600422 | 건축물수자원활용시스템(Water Systems in Buildings)                          | 3 - 3 - 0        |      |
|          | AR6200888 | 논문연구(Thesis Research)                                            | 3 - 3 - 0        |      |
| 일반<br>선택 | 전문<br>소양  | AR6800630 리더십과조직관리(Leadership and Organization Management)       | 3 - 3 - 0        | 최대   |
|          |           | AR7200878 연구설계와통계적방법(Research Design and Statistical Methods)    | 3 - 3 - 0        | 3학점까 |
|          |           | AR7300056 영어논문작성및발표(Writing & Presentation Of English Thesis)    | 3 - 3 - 0        | 지 인정 |

## 영역별 수료학점

| 학과(부)명 | 전공                    | 일반선택(※참조) | 논문연구 | 수료학점    |
|--------|-----------------------|-----------|------|---------|
| 건축공학과  | 석사                    | 18학점 이상   | 6학점  | 24학점 이상 |
|        | 박사                    | 27학점 이상   | 9학점  | 36학점 이상 |
|        | 석·박 통합<br>(2022입학생까지) | 48학점 이상   | 12학점 | 60학점 이상 |
|        | 석·박 통합<br>(2023입학생부터) | 45학점 이상   | 12학점 | 57학점 이상 |

※일반선택학점은 최대 3학점까지 인정한다.