

Course List

(with effect from AY2025/2026)

ESSENTIAL COURSES [12 UNITS]

BPS5111 Integrated Building Design (Semester 1) [4 units]

BPS5112 Green Building Integration and Evaluation Studio (Semesters 1 & 2) [8 units]

PRESCRIBED ELECTIVES [20 UNITS]

BPS5221 Microclimate Design (Semester 1) [4 units]

BPS5222 Indoor Environmental Quality (Semester 2) [4 units]

BPS5223 Building Energy Performance – Passive Systems (Semester 1) [4 units]

BPS5224 Building Energy Performance – Active Systems (Semester 1) [4 units]

BPS5225 Building Energy Audit and Performance Measurement and Verification (Semester 2) [4 units]

BPS5226 Smart Buildings and Facilities (Semester 2) [4 units]

BPS5228 Advanced Building Materials and Structures (Semester 2) [4 units]

BPS5230 Data-Driven Decision-Making for Smart Built Environments (Semester 2) [4 units]

BPS5231 AI for Sustainable Building Design (Semester 1) [4 units]

BPS5232 Environmental, Social and Governance (ESG) in the Built Environment (Semester 2) [4 units]

BPS5300 Special Topics in Building Performance and Sustainability (spans 1 semester) [4 units]

BPS5000 Dissertation (spans 2 semesters) [8 units]

UNRESTRICTED ELECTIVES [MAX. 8 UNITS]

Unrestricted Electives (UE) enable students to pursue their academic interests and aspirations by reading courses of any Department/Faculty. UE courses are optional.