

الموضوعات التي تستهدف التنمية المستدامة
خريف 2024/2023

قسم الهندسة المعمارية/ كلية الهندسة

م	كود المقرر	اسم المقرر	الفرقة الدراسية	الموضوع	الهدف المستهدف من أهداف التنمية المستدامة
1	EA001	Environmental Studies in Architecture	2 nd Level Semester 3	Design Strategies for Solar Control Systems, Natural Ventilation Systems and Passive Heating and Cooling Systems	GOAL 7: Affordable and Clean Energy GOAL 11: Sustainable Cities and Communities GOAL 13: Climate Action
2	EA016	Site Planning	2 nd Level Semester 3	Site Inventory and Analysis	GOAL 11: Sustainable Cities and Communities
3	EA011	Building Science and Technology	3 rd Level Semester 5	Eco-Friendly Building Materials	GOAL 9: Industry, Innovation and Infrastructure GOAL 13: Climate Action
4	EA002	Sustainability in Architecture	3 rd Level Semester 5	Environmental Design Considerations and Guidelines (Passive & Active Techniques)	GOAL 7: Affordable and Clean Energy GOAL 11: Sustainable Cities and Communities GOAL 13: Climate Action
5	EA331	Theories of Architecture (2)	3 rd Level Semester 5	Design Process of Building Types and Constraints	GOAL 9: Industry, Innovation and Infrastructure
6	EA311	Architectural Design Level (3)	3 rd Level Semester 5	Project 2: Desert Architecture using Natural Building Materials and Environmental Techniques	GOAL 13: Climate Action GOAL 15: Life on Land
7	EA361	Building Laws Regulations and Professional Practice	4 th Level Semester 7	Environmental Impact Assessment	GOAL 11: Sustainable Cities and Communities GOAL 13: Climate Action
8	EA013	Building Economics	4 th Level Semester 7	Building Economics: Building Cost (Design Factors)	GOAL 8: Decent Work and Economic Growth
9	EA451	Urban Design	4 th Level Semester 8	Sustainable, Resilient, Smart Urbanism & Urban Responsive Environment	GOAL 11: Sustainable Cities and Communities
10	EA422	Execution Design Level (4)	4 th Level Semester 8	Site Supply and Drainage Systems	GOAL 6: Clean Water and Sanitation GOAL 9: Industry, Innovation and Infrastructure
11	EA442	Theories of Architecture (4)	4 th Level Semester 8	Green Architecture	GOAL 9: Industry, Innovation and Infrastructure GOAL 13: Climate Action
12	EA020	Geographic Information System	4 th Level Semester 8	Spatial Analysis & Geoprocessing Tools	GOAL 9: Industry, Innovation and Infrastructure GOAL 11: Sustainable Cities and Communities
13	EA412	Architectural Design Level (6)	4 th Level Semester 8	Urban Development and Heritage Revitalization	GOAL 8: Decent Work and Economic Growth GOAL 11: Sustainable Cities and Communities

14	EA511	Architectural Design Level (7)	5 th Level Semester 9	New Design Projects; Airport, Harbour and Metro Station	GOAL 9: Industry, Innovation and Infrastructure GOAL 11: Sustainable Cities and Communities
15	EA018	Theories of Housing	5 th Level Semester 9	Sustainable Housing Requirements	GOAL 11: Sustainable Cities and Communities
16	EA554	Landscape	5 th Level Semester 9	Sustainable Landscape	GOAL 11: Sustainable Cities and Communities
17	EA512	Architectural Design Level (8)	5 th Level Semester 10	New Design Projects; Office Buildings, Hotels, Residential Buildings and Retail Buildings	GOAL 9: Industry, Innovation and Infrastructure GOAL 11: Sustainable Cities and Communities