BEng (Hons) Architectural Environment Engineering

Architecture and Built Environment/Faculty of Science and Engineering

Year 1 Modules

Module Code	Module Title	Credits
CELEN120	Foundation Algebra	20
CELEF008	Introduction to Academic Skills	10
CELEN038	The Scientific Method	10
CELEN122	Foundation Electromagnetism and Mechanics	20
CELEN037	Foundation Calculus and Mathematical Techniques	20
CELEN040	Foundation Chemistry	10
CELEN052	English in Specific Academic Contexts B (Engineering; Comp Sci; Env'mental Sci & Architecture)	20
CELEN082	Oral Communication Skills B	10

Year 2 Modules

Module Code	Module Title	Credits
ABEE1013	Performance of Construction Materials	10
ABEE2029	Fluid Mechanics and the Built Environment 1	10
ABEE1025	Architectural Engineering Design 1	30
MATH1046	Mathematical Methods for Architectural and Environmental Engineering	20
ABEE1019	Environmental Sciences for Architects 1	10
ABEE1026	Architectural Engineering Design 2	20
ABEE1027	Thermofluids 1	10
ABEE2035	Electricity and the Built Environment	10

Year 3 Modules

Module Code	Module Title	Credits
ABEE1024	Thermofluids 2	10
MATH2025	Differential Equations and Calculus for Engineers	10
ABEE2016	Acoustics and Lighting	10
ABEE2033	Architectural Engineering Design 3	20
ABEE2032	Environmental Performance Modelling	20
ABEE3018	Fluid Mechanics and the Built Environment 2	10
ABEE2047	Smart Energy and the Built Environment	20
ABEE2034	Architectural Engineering Design 4	10
ABEE3032	Project Management and Development	10

Year 4 Modules

Module Code	Module Title	Credits
ABEE3030	Computational Fluid Dynamics for the Built Environment	10
ABEE3048	Heat Transfer and Cooling Technologies	20
ABEE3023	Research Project	30
ABEE3031	Architectural Engineering Design 5	40
ABEE2017	Energy and Waste	10