

# BSC (HONS) (ARCHITECTURE) - CK606

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## Programme Learning Outcomes

Programme Learning Outcomes for BSc (Hons) (Architecture) (NFQ Level 8, Major Award)

On successful completion of this programme, students should be able to:

- Create architectural designs that satisfy both aesthetic and technical requirements;
- Demonstrate a knowledge of history and theories of architecture and the related arts, technologies and human sciences, and how they relate to the theory and practice of Architecture;
- Demonstrate a knowledge of the fine arts as an influence on the quality of architectural design;
- Demonstrate a knowledge of urban design, planning and the skills involved in the planning process;
- Relate buildings and the space between them to human needs and scale, drawing on a knowledge of the relationship between people and buildings, and between buildings and their environment;
- Prepare project briefs that take into account of social factors, based on a knowledge of the profession of architecture and the role of the architect in society;
- Apply appropriate systematic approaches to investigations in the preparation of a design brief;
- Demonstrate a knowledge of structural design, constructional and engineering problems, and their potential impact on the design of buildings;
- Design buildings with internal conditions of comfort and protection against the climate, based on a knowledge of physical problems, technologies and the function of buildings;
- Design buildings which meet users' requirements within constraints imposed by cost factors and building regulations;
- Demonstrate knowledge of the industries, organisations, regulations and procedures involved in translating design concepts into buildings and integrating plans into overall planning.