

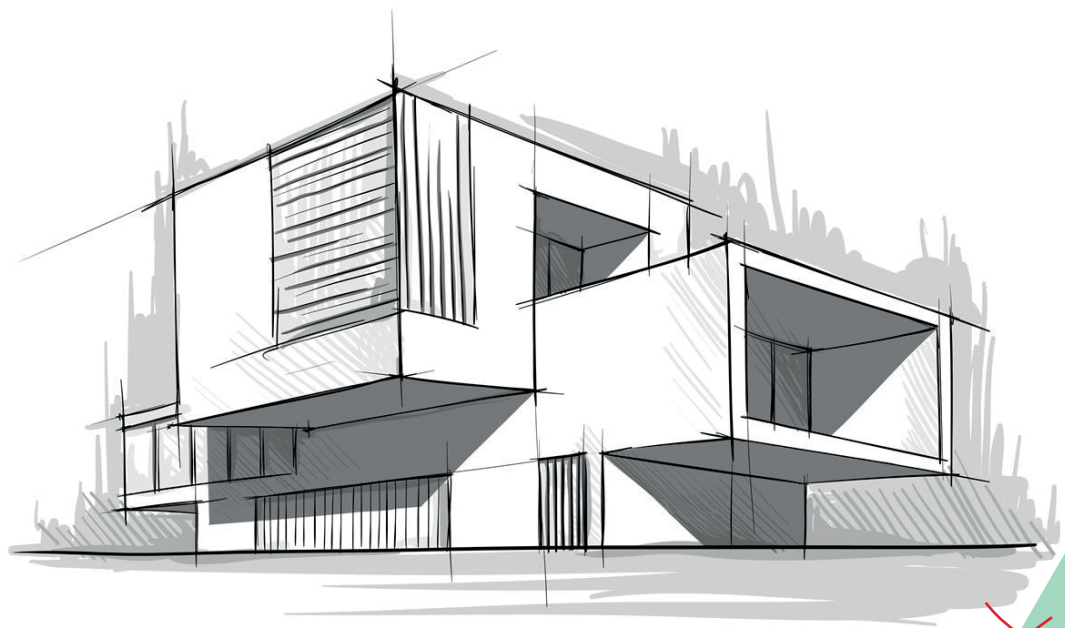
SHAPING CITIES TOGETHER



University of
Salford
MANCHESTER

From an initial building sketch, through to valuing and selling property, there are a huge number of career opportunities in the built environment.

Explore how professionals work together in industry, working at various stages throughout the construction process, to shape our cities and help improve our surroundings.



A

ARCHITECT

- Develops building designs and concepts
- Creates the overall look of a structure

AE

CE

ARCHITECTURAL ENGINEER

- Works closely with architects, civil engineers, and construction crews
- Assesses safety and quality of life concerns in a design, before and during construction work

IA

A

INTERIOR ARCHITECT

- Designs safe and functional interiors with a focus on aesthetics
- Assesses how a space will be used and how it will impact people

GS

QUANTITY SURVEYOR

- Estimates costs and budgets of building projects
- Prepares contracts and tenders with the client/architect



RED

PROPERTY CONSULTANT

- Helps their client find the right investment opportunity and can work across residential, industrial and commercial property

CE

CIVIL ENGINEER

- Plans, designs, and oversees building structure and infrastructure projects including tall buildings, roads and bridges, power, water, and waste systems

AE

CE

STRUCTURAL ENGINEER

- Has similar responsibilities but focuses on the structure and stability of a project and how it's affected by its environment

BS

BUILDING SURVEYOR

- Assesses the condition and quality of buildings
- Advises on ways to improve buildings through maintenance, repair, refurbishment and restoration

RED

REAL ESTATE SURVEYOR

- Assesses the condition and value of a property
- Advises clients on development opportunities

RED

PROPERTY DEVELOPER

- Develops, repairs and renovates existing property, buildings and land to sell, or rent out to tenants to make a profit



CPM

CONSTRUCTION PROJECT MANAGER

- Oversees the entire construction process from resource distribution, timeframes, and budget management, to managing staff and stakeholder relationships

A

ARCHITECT

- Communicates their initial designs to the construction crew to prevent mistakes and protects the client's investment

AE

CE

ARCHITECTURAL ENGINEER

- Assists in solving design/building issues that arise during construction



CPM

SITE MANAGER

- Oversees day-to-day work on site, supervises labourers, monitors subcontractors, checks materials, inspects work and ensures quality control

CE

BUILDING CONTROL MANAGER

- Carries out building and site inspections to ensure quality
- Communicates with project stakeholders including the public, councils, conservation groups (eg. National Trust) and more

GS

QUANTITY SURVEYOR

- Manages the overall project budget
- Values completed work and arranges payment

CE

CIVIL/STRUCTURAL ENGINEER

- Works closely with project/site managers during the construction process of specialist structures



IA

INTERIOR ARCHITECT

- Ensures the delivery of the agreed design and protects the investment of the client

CE

BUILDING CONTROL MANAGER

- Inspects completed building work to ensure it meets building regulations

RED

LETTING AGENT

- Manages properties for private landlords
- Advertises property, finds tenants, collects rent and manages contracts

CPM

CONSTRUCTION PROJECT MANAGER

- Ensures projects are completed on time and within budget
- Approves the standard of work completed

RED

VALUER

- Inspects property or land for clients, to assess its market value for sale or rental income

RED

PROPERTY ASSET MANAGER

- Finds and manages a portfolio of investment properties on behalf of their clients



KEY

- A** BSc (Hons) Architecture
- AE** BSc (Hons) Architectural Engineering
- IA** BSc (Hons) Interior Architecture
- CE** BSc (Hons) Civil Engineering
- BS** BSc (Hons) Building Surveying
- GS** BSc (Hons) Quantity Surveying
- RED** BSc (Hons) Real Estate Development and Management
- CPM** BSc (Hons) Construction Project Management