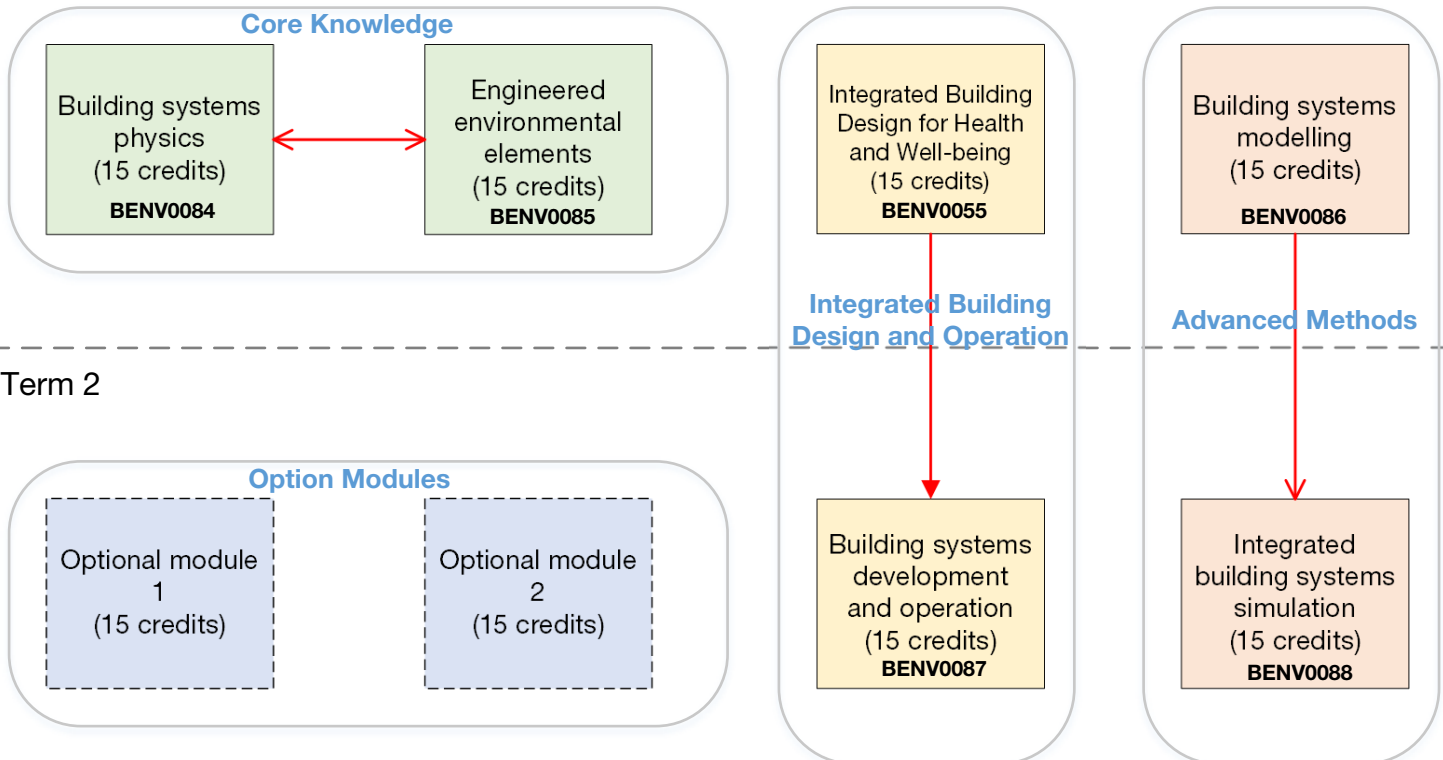


# Postgraduate Certificate (PgCert) in Smart Buildings and Digital Engineering (SBDE) Programme Structure

Term 1



- Red lines connect modules which either complement each other or follow a logical progression.
- Four Study areas: Fundamentals (Green), Integrated Design and Operation (Yellow), Advanced Methods (Orange), Directed Learning (Blue).
- The structure is arranged so that lectures can be scheduled so both part-time and modular/flexible students can attend on a one day per week basis.
- To obtain the PG Cert qualification students must take and successfully complete four taught modules, of which at least three of these modules must be core modules.
- PG Cert students (both full-time and flexible) are encouraged to talk to the programme director so that a plan of study can be devised in line with their interests and constraints.
- Optional Modules: Students choose at most one module from the list of seven optional modules (depending upon availability):
  - Indoor Air Quality in Buildings
  - Light, Lighting and Wellbeing in Buildings
  - Multi-Objective Design Optimisation
  - Building Acoustics
  - Post-Occupancy Evaluation
  - Low-Energy Housing Retrofit
  - Mathematical Modelling Methods for the built environment