# Module Specification

## Module Summary Information

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| **1** | **Module Title** | BIM and Facilities Management |
| **2** | **Module Credits** | 20 |
| **3** | **Module Level** | 5 |
| **4** | **Module Code** | BNV5127 |

| **5** | **Module Overview** |
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This module will develop your intellectual appreciation of the theory and practice of Facilities Management and Building Information Modelling (BIM) and how these subjects contribute to the successful design, specification and management of existing buildings.

You will develop skills in critical thinking and problem solving to make well informed decisions at both design and operational stages within the commercial built environment.

The module seeks to deliver a range of knowledge relating to the day-to-day operational issues of management of buildings.

The main topic areas are:

The FM Role, Definition and Context.
Purpose of Facilities- Core versus Peripheral Activities.
Building Information Modelling (BIM).
Defects Identification/Diagnosis and BIM.
Corporate, Legal and Regulatory Requirements.
Agenda for sustainability and environmental guardianship.
Issues with listings and other restrictions.
Efficient collaboration process between stakeholders.
Management of data and knowledge.

| **6** | **Indicative Content** |
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This module will be based around an existing in use building. Students will be guided through a series of potential real-life scenarios covering both design and in use phases of the building, where students will reflect on these and consider likely causes and solutions and the impacts on stakeholders.

| **7** | **Module Learning Outcomes**<br><br>**On successful completion of the module, students will be able to:** | |
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| | **1** | Identify and compare different operational and maintenance requirements for a building and their implications at all stages in the buildings life. |
| | **2** | Discuss the range of core FM activities and their implication at all stages in the buildings life relating to the management of space, assets and buildings. |

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| | **3** | Appraise stakeholder relationships associated with managing facilities. |
| | **4** | Employ different building information and specifications using BIM applications. |

| **8** | **Module Assessment** | | | |
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| **Learning Outcome** | | | | |
| | **Coursework** | | **Exam** | **In-Person** |
| **1-4** | **X** | | | |

| **9** | **Breakdown Learning and Teaching Activities** |
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| **Learning Activities** | **Hours** |
| **Scheduled Learning (SL)**<br>includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable | 48 |
| **Directed Learning (DL)**<br>includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE | 72 |
| **Private Study (PS)**<br>includes preparation for exams | 80 |
| **Total Study Hours:** | 200 |