

## Semester 1 Mechanical Engineering Modules for 2024/2025

| Subject                | Module Code | Module Name                         | Study Period | Level | UK Credits | Previous knowledge/skills/background required for applicants? |
|------------------------|-------------|-------------------------------------|--------------|-------|------------|---|
| Civil Engineering      | KB5021      | Structural Analysis                 | Semester 1   | 5     | 20         | Previous knowledge of basic structures                        |
| Civil Engineering      | KB5025      | Hydraulics and Hydrology            | Semester 1   | 5     | 20         | Previous knowledge of fluid mechanics                         |
| Subject                | Module Code | Module Name                         | Study Period | Level | UK Credits | Previous knowledge/skills/background required for applicants? |
| Mechanical Engineering | KB5034      | Mechanics & Finite Element Analysis | Semester 1   | 5     | 20         | First year mechanics (statics and dynamics)                   |
| Mechanical Engineering | KB5035      | Mechanical Engineering Design       | Semester 1   | 5     | 20         |   |