**MSc (FHEQ Level 7)**

**Mechanical Engineering 2024-25**

**Coordinator – Dr Alison Williams**

**January Start - PTFME05J**

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| **Jan-June 24-25** | **Sept-Jan 25-26** |
| **EG-M36**  **Systems Monitoring, Control, Reliability, Survivability, Integrity and Maintenance**  **10 Credits**  **CORE** | **EG-M103**  **Advanced Thermo Fluid Mechanics**  **10 Credits**  **CORE** |
| **EG-M37**  **Additive Manufacturing**  **10 Credits**  **CORE** | **EG-M336**  **Sustainable Design**  **20 credits**  **CORE** |
| **EG-M73**  **Composite Materials**  **10 Credits**  **CORE** | **EGTM71**  **Power Generation Systems**  **10 Credits**  **CORE** |
| **EG-M83**  **Simulation Based Product Design**  **10 Credits**  **CORE** | **EG-M97**  **Advanced Solid Mechanics**  **10 Credits**  **CORE** |
| **EG-M93**  **Metallurgy and Process Optimisation**  **10 Credits**  **CORE** | **EGTM79**  **Environmental Analysis and Legislation**  **10 Credits**  **CORE** |
| **EG-M190**  **Social, Environmental and Economic context of Research 10 Credits**  **CORE** |  |
| **Research Project July-September 25-26** | |
| **EG-D03**  **MSc Dissertation - Mechanical Engineering**  **60 Credits**  **CORE** | |
| **Total 180 Credits** | |