**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** |