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| **Mechanical Engineering**  The University of Manchester | | |
| **1st Year** | | |
| 01 | MACE | Structures 1 (Mechanical) |
| 02 | MACE | Design 1 (Mechanical) |
| 03 | MACE | Fluid Mechanics for Aerospace and Mechanical Engineering |
| 04 | MACE | Electrical Energy Supply and Circuits |
| 05 | MACE | Manufacturing Engineering 1 (Mechanical) |
| 06 | MACE | Mechanical Engineering System |
| 07 | MACE | Mechanics (Mechanical) |
| 08 | MACE | Materials 1 (Mechanical) |
| 09 | MACE | Aerospace and Mechanical Thermodynamics |
| 10 | MACE | Tools for Engineers (Mechanical) |
| 11 | MACE | Peer Assisted Study Scheme (Mechanical Engineering) |
| 12 | MATH | Calculus, Numerical Method, Vectors, Complex Numbers, Differential Equations, Probability |
| 13 | MATH | Series and Limits, Functions, Matrices, Linear Algebra |
| **2nd Year** | | |
| 13 | MACE | Numerical Methods and Computing (Mechanical) |
| 14 | MACE | Manufacturing Engineering 2 |
| 15 | MACE | Design 2 (Mechanical) |
| 16 | MACE | Modelling and Simulation (Mechanical) |
| 17 | MACE | Dynamics |
| 18 | MACE | Structures 2 (Mechanical) |
| 19 | MACE | Data Acquisition and Experimental Methods (Mechanical) |
| 20 | MACE | Structures 2 (Aerospace) |
| 21 | MACE | Materials 2 (Mechanical) |
| 22 | MACE | Project Management (Mechanical) |
| 23 | MATH | Mathematics 3 |
| **3rd Year** | | |
| 24 | MACE | Control Engineering (Mechanical) |
| 25 | MACE | Manufacturing Engineering 3 |
| 26 | MACE | Heat Transfer |
| 27 | MACE | Vibrations and Aero-elasticity (Mechanical) |
| 28 | MACE | Operations Management |
| 29 | MACE | Design 3 (Mechanical) |
| 30 | MACE | Structures 3 (Mechanical) |
| 31 | MACE | Modelling and Simulation 3 |
| 32 | MACE | Nuclear Systems |
| 33 | MACE | Fluid Mechanics |
| 34 | MACE | Renewable Energy System |
| 35 | MACE | Engineering Thermodynamics |