

Compulsory UWE Modules

The following two UWE modules are compulsory in the first year:

- UFMF4X-15-M Robotic Fundamentals (15 CP)
 - This module also has UoB unit code EMATM0033
- UWE-UFMFRG-80-M FARSCOPE First Dissertation (80 CP)
 - This module also has UoB unit code EMATM0020

Compulsory UoB Units

The following three UoB units are compulsory in the first year:

- AENGM0029 Robotics Research Preparation (15 CP)
- EMATM0018 Technology and Context of Modern Robotics (10 CP)
- EMATM0019 FARSCOPE Group Project (20 CP)

Furthermore, unless you have already taken it as part of a prior MSc or undergraduate course, the following UoB unit is also compulsory:

- COMSM0012 Robotic Systems (PG) (10 CP)

Optional Modules

You are required to take two modules or options from the following list. More information on each unit can be found in the online unit catalogue:

<https://www.bris.ac.uk/unit-programme-catalogue/AboutUnits.jsa?ayrCode=18%2F19>

Unit ID Code	Name	Credits	Block
AENGM2005	Advanced Techniques in Multi-Disciplinary Design	10	2
COMS0009	Interactive Devices	10	1
COMS30106	Artificial Intelligence and Logic Programming	10	2
COMS30121	Image Processing and Computer Vision	10	1
COMS31700	Design Verification	10	1
COMSM0109	Advanced Computer Architecture	10	1
EENGM2100	Communication Systems (M)	10	1
EENGM4120	Advanced DSP & FPGA Implementation	10	2
EMATM0012	Statistical Pattern Recognition	10	2
EMATM0021	Transport and Mobility Modelling	10	1
EMATM0029	Bio-Inspired Artificial Intelligence	10	2
EMATM0030	Electromechanical Systems Integration (UWE UFMEEA-15-M)	15	1
EMATM0034	Intelligent Adaptive Systems (UWE, UFME7K-15-3)	15	2
EMATM0042	Intelligent Information Systems	10	2
EMATM0043	Human-Robot Interaction (UWE, UFMFHP-15-M)	15	2
EMATM1120	Uncertainty Modelling for Intelligent Systems	10	1
EMATM2700	Control Theory	10	2
MENGM6049	Virtual Product Development	10	1
MENGM6051	Biomechanics	10	1

In addition, you must take one further 10CP M-level unit from the UoB unit catalogue. For example, you could take some subject in Chemistry that supports materials research or a topic on manufacturing to learn about applications. The catalogue is available online at <https://www.bris.ac.uk/unit-programme-catalogue/AllUnits.jsa?selectedCatalogue=UNIT&ayrCode=18%2F19>.