

Unit and programme catalogues

University of Bristol

Programme structure: Robotics (MSc) - what's running in 2023/24

Please note: It is possible that the information shown for future academic years may change due to developments in the relevant academic field. Optional unit availability varies depending on both staffing, student choice and timetabling constraints.

This section describes which Units you will take in which year of study. It indicates which units are mandatory and where you will be able to choose. The overall pass marks you will need to achieve in order to progress or achieve an award are shown. The full regulations concerning progression and completion are held in the [University's Regulations and Code of Practice](#). Any particular aspects of your programme that are unusual will be highlighted. If any Units are must pass this will be shown below. The linked unit specifications detail any additional requirements.

[What do the Levels represent?](#)

[What do the teaching blocks \(TB\) mean?](#)

- Year 1 (2023/24)

Unit name	Unit code	Credit points	Status	Teaching Block
Robotics Systems 机器人系统	EMATM0054	20	Mandatory	TB-1
Robotic Fundamentals (UWE, UFMF4X-15-M) 机器人基础	EMATM0033	15	Mandatory	TB-1
Introduction to Artificial Intelligence 人工智能概述	EMATM0044	10	Mandatory	TB-2
Dissertation 论文	EMATM0055	60	Mandatory	AYEAR
Robotics Research Technology and Methods 机器人研究技术与方法	EMATM0058	20	Mandatory	TB-4
Machine Vision (UWE, UFMFRR-15-M) 机器视觉	EMATM0056	15	Mandatory	TB-1
Human-Robot Interaction (UWE, UFMFHP-15-M) 人机交互	EMATM0043	15	Mandatory	TB-2
One UWE and one UoB option to be chosen from the following list:				
Optional units are subject to timetabling constraints of the teaching timetables at both the University of Bristol and the University West of England.				
Bio-Inspired Artificial Intelligence 仿生人工智能	EMATM0029	10	Optional	TB-2
Intelligent Information Systems 智能信息系统	EMATM0042	10	Optional	TB-2
		180		

Unit name	Unit code	Credit points	Status	Teaching Block
Advanced Control & Dynamics (UWE, UFME7F-15-M) 高级控制&动力学	EMATM0031	15	Optional	TB-2
Assistive Robotics (UWE UFMFSR-15-M) 辅助机器人	EMATM0059	15	Optional	TB-2
Soft Robotics 软体机器人	EMATM0057	10	Optional	TB-2
		180		

Progression/award requirements

The pass mark set by the University for any level 7(M) unit is 50 out of 100.

For detailed rules on progression please see the [Regulations and Code of Practice](#) for Taught Programmes and the relevant faculty handbook.

Exit awards

All taught masters programmes, unless exempted by Senate, must allow the opportunity for students to exit from the programme with a postgraduate diploma or certificate.

To be awarded a postgraduate diploma, students must have successfully completed 120 credit points, of which 90 must be at level M/7.

To be awarded a postgraduate certificate, students must have successfully completed 60 credit points, of which 40 must be at level M/7.

Degree classifications:

An award with Merit or Distinction is permitted for postgraduate taught masters, diplomas and certificates, where these are specifically named entry-level qualifications. An award with Merit or Distinction is not permitted for exit awards where students are required to exit the programme on academic grounds but is permitted in designated programmes (as set out in the programme specification) where students choose to withdraw from the intended programme but otherwise achieve the necessary credit points for the exit award.

The classification of the award in relation to the final programme mark is as follows:

Award with **Distinction***: at least 65 out of 100 for the taught component overall and, for masters awards, at least 70 out of 100 for the dissertation. **Faculties retain discretion to increase these thresholds.

Award with **Merit***: at least 60 out of 100 for the taught component overall and, for masters awards, at least 60 out of 100 for the dissertation. Faculties retain discretion to increase these thresholds.

* The MA in Law has separate regulations for awarding distinction and merit.

****** For the award of Distinction, the Faculty of Engineering requires at least 70 out of 100 for the taught component overall and, for masters awards, at least 70 out of 100 for the dissertation.

Diploma/certificate stages:

All taught masters programmes, unless exempted by Senate, must allow the opportunity for students to choose, or be required, to leave at the postgraduate diploma or certificate stage.

To be awarded a postgraduate diploma, students must have successfully completed 120 credit points, of which 90 must be at level M/7.

To be awarded a postgraduate certificate, students must have successfully completed 60 credit points, of which 40 must be at level M/7.

Related links

[Structure by entry cohort](#)

[Specification](#)

[Programmes available in the Department of Engineering Mathematics](#)