

## Unit and programme catalogues

University of Bristol

## Programme structure: Biomedical Engineering (MSc) for 2022/23 entry cohort

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.

- Year 1 (2022/23 entry cohort)

Unit name	Unit code	Credit points	Status	Teaching Block
<a href="#">Physiology for biomedical engineering MSc</a> 生物医学工程生理学	PHPH10008	20	Mandatory	TB-1
<a href="#">Sensing Technologies for Diagnostics and Monitoring</a> 诊断和监测的传感技术	EENG0031	10	Mandatory	TB-1
<a href="#">Computational Genomics and Bioinformatics Algorithms</a> 计算基因组学和生物信息学算法	EMATM0004	10	Mandatory	TB-2
<a href="#">Mathematical Modelling in Physiology and Medicine</a> 生理学与医学数学建模	EMATM0007	10	Mandatory	TB-1
<a href="#">Biomedical Imaging</a> 生物医学影像	EENG0006	10	Mandatory	TB-2
<a href="#">Research Project</a> 研究项目	EENG8000	60	Mandatory	AYEAR
<a href="#">Anatomical Science for Engineering MSc</a> 工程解剖学	ANAT10002	10	Mandatory	TB-1
<a href="#">Engineering Research Skills</a> 工程研究技能	EENG0004	20	Mandatory	TB-2
<a href="#">Learning, Computation and the Brain</a> 学习、计算和大脑	COMSM0094	10	Mandatory	TB-1
Choose 20 CPS from the following list:				
<a href="#">Digital Filters and Spectral Analysis (M)</a> 数字滤波器和光谱分析	EENG1400	10	Optional	TB-1
<a href="#">Innovation, Entrepreneurship and Enterprise</a> 创新、企业家精神和企业精神	INOVM0015	20	Optional	TB-1
<a href="#">Bio-Inspired Artificial Intelligence</a> 仿生人工智能	EMATM0029	10	Optional	TB-2
<b>MSc Biomedical Engineering</b>		<b>180</b>		

Unit name	Unit code	Credit points	Status	Teaching Block
<a href="#">Advanced Topics in Mechanical Engineering (10cp)</a> 机械工程高级专题	MENGM0060	10	Optional	TB-4
<i>MSc Biomedical Engineering</i>		<b>180</b>		

## 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**

[What's running in 2022/23](#)

[Specification](#)

[Programmes available in the Department of Electrical & Electronic Engineering](#)