

## Unit and programme catalogues

University of Bristol

## Programme structure: Wireless Communications and Signal Processing (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
<a href="#">Principles of Communication Systems</a> 通信系统原理	EENGM0033	10	Mandatory	TB-1A
<a href="#">Coding Theory (M)</a> 编码理论	EENGM2010	10	Mandatory	TB-1
<a href="#">Radio Frequency Engineering (M)</a> 射频工程	EENGM6500	10	Mandatory	TB-1
<a href="#">Networking Protocol Principles 3</a> 网络协议原则	EENG30002	10	Mandatory	TB-1
<a href="#">Digital Filters and Spectral Analysis (M)</a> 数字滤波器和光谱分析	EENGM1400	10	Mandatory	TB-1
<a href="#">Digital Signal Processing Systems</a> 数字信号处理系统	EENGM4100	10	Mandatory	TB-2
<a href="#">Antennas</a> 天线	EENGM0024	10	Mandatory	TB-2
<a href="#">Advanced Mobile Radio Techniques</a> 先进的移动无线技术	EENGM2510	10	Mandatory	TB-2
<a href="#">Broadband Wireless Communications</a> 宽带无线通信	EENGM4221	10	Mandatory	TB-2
<a href="#">Research Project</a> 研究项目	EENGM8000	60	Mandatory	AYEAR
<a href="#">Engineering Research Skills</a> 工程研究技能	EENGM0004	20	Mandatory	TB-2
<a href="#">Mobile Communication Systems</a> 移动通讯系统	EENG30010	10	Mandatory	TB-1
<i>MSc Wireless Communication Networks and Signal Processing</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

[Structure by entry cohort](#)

[Specification](#)

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