

Unit and programme catalogues

University of Bristol

Programme structure: Optical Communications and Signal Processing (MSc) - what's running in 2022/23

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 (2022/23)

Unit name	Unit code	Credit points	Status	Teaching Block
Principles of Communication Systems 通信系统原理	EENG00033	10	Mandatory	TB-1A
Networking Protocol Principles 3 网络协议原则	EENG30002	10	Mandatory	TB-1
Optoelectronic Devices and Systems (M) 光电器件与系统	EENG06020	10	Mandatory	TB-1
Digital Filters and Spectral Analysis (M) 数字滤波器和光谱分析	EENG01400	10	Mandatory	TB-1
Advanced Optoelectronic Devices 先进光电器件	EENG06000	10	Mandatory	TB-2C
Optical Communications Systems and Data Networks 光通信系统与数据网络	EENG02001	10	Mandatory	TB-2C
Research Project 研究项目	EENG08000	60	Mandatory	AYEAR
Optical Networks 光网络	EENG00003	10	Mandatory	TB-2
Engineering Research Skills 工程研究技能	EENG00004	20	Mandatory	TB-2
Data Center Networking 数据中心网络	EENG00008	10	Mandatory	TB-2
Mobile Communication Systems 移动通讯系统	EENG30010	10	Mandatory	TB-1
Advanced Networks 高级网络技术	EENG04211	10	Mandatory	TB-2
<i>MSc Optical Communication Networks and Signal Processing</i>		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 Electrical & Electronic Engineering](#)