

Addendum to the Programme Specification

4422 MPhys Astrophysics with a Year Abroad

This Addendum has been produced to highlight the key changes made to the existing Programme Specification as a result of the University's response to the Covid-19 Pandemic. You should read it in conjunction with the relevant Programme Specification from the year you started your programme.

[Programme Specification for entry in 2020-21](#)

[Programme Specification for entry in 2019-20](#)

[Programme Specification for entry in 2018-19](#)

[Programme Specification for entry in 2017-18](#)

University level information

In view of COVID-19, the University has had to make changes to some elements of programme delivery for 2020-21. These changes have included the method of delivery, such as face-to-face and online, and the number of modules available.

The University aims to provide as much of a face-to-face component to your education as prevailing conditions at the time allow, combined with its new blended approach that will develop active independent and group online learning.

As the COVID-19 pandemic develops, the University's response to this and other issues may likewise need to evolve. The University will consult with student representatives as necessary and appropriate and will communicate changes to you as soon as practicable so that you have the information you need to understand how a change may impact you and what steps you need to take next. The University remains committed to supporting you as you learn.

Programme Information

Changes in Part I and II are not noted here as students will not be registered on this programme until Part III.

In light of Covid-19, some laboratory elements of the programme will be modified during 2020-21. Lab sessions will be adapted to ensure they meet current social distancing requirements. Where written examinations are unable to take place due to social distancing measures, an alternative form of assessment will be offered.

Due to current restrictions, the year abroad will not be taking place for 2020-21. All affected students have been contacted for alternatives.

Programme Structure

Where optional modules have been specified, the following is an indicative list of available optional modules, which are subject to change each academic year. Please note that, in some instances, modules have limited spaces available.

Programme:	MPhys Astrophysics with Yr Abroad - 4422
Term:	2020-2021 Academic Session (202021)
Area title:	4422-1 - MPhys Astrophys -Yr Ab Part 1

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
MATH 1006	Math Method for Phys Sci 1a	15	Yes	Semester 1
MATH 1007	Math Meths for PhysSci 1b	15	Yes	Semester 2
PHYS 1005	Intro to Astronomy & Space Sci	15	Yes	Semester 2
PHYS 1011	Wave, Light and Quanta	10	Yes	Semester 2
PHYS 1013	Energy and Matter	10	Yes	Semester 2
PHYS 1015	Motion and Relativity	10	Yes	Semester 1
PHYS 1017	Physics Skills 1	10	Yes	Semester 1
PHYS 1019	Physics Skills 2	10	Yes	Semester 2
PHYS 1022	Electricity and Magnetism	10	Yes	Semester 1
PHYS 1028	Personal Tutorial (Physics)	0	No	Full Academic Year
PHYS 1201	Phys Skills Prog & Data Analys	15	Yes	Semester 1

Programme:	MPhys Astrophys with Yr Abroad - 4422
Term:	2020-2021 Academic Session (202021)
Area title:	4422-2 - MPhys Astrophys -Yr Ab Part 2

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
PHYS 2001	Electromagnetism	15	Yes	Semester 2
PHYS 2003	Quantum Physics	15	Yes	Semester 2
PHYS 2006	Classical Mechanics	15	Yes	Semester 1
PHYS 2011	Design & Observation in Astron	15	Yes	Semester 2
PHYS 2013	Galaxies	15	Yes	Semester 1
PHYS 2022	Physics from Evidence I	15	Yes	Semester 1
PHYS 2023	Wave Physics	15	Yes	Semester 1

PHYS 2024 Statistical Mechanics	15	Yes	Semester 2
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Programme:	MPhys Astrophys with Yr Abroad - 4422
Term:	2020-2021 Academic Session (202021)
Area title:	4422-3 - MPhys Astrophys -Yr Ab Part 3

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
PHYS 3002	Nuclei & Particles	15	Yes	Semester 2
PHYS 3004	Crystalline Solids	15	Yes	Semester 2
PHYS 3007	Theories of Matter, Space&Time	15	Yes	Semester 1
PHYS 3008	Atomic Physics	15	Yes	Semester 1
PHYS 3010	Stellar Evolution	15	Yes	Semester 1
PHYS 3011	Photons in Astrophysics	15	Yes	Semester 2
PHYS 6005	Cosmology	15	No	Semester 1
PHYS 6017	Computer Techniques in Physics	15	No	Semester 2

Programme:	MPhys Astrophys with Yr Abroad - 4422
Term:	2020-2021 Academic Session (202021)
Area title:	4422-4 - MPhys Astrophys -Yr Ab Part 4

Compulsory Modules

You must complete the following modules:

Module	Module Title	Credit	Core?	Semester/Term
PHYS 6013	Research thesis - Astrophysics	120	Yes	Full Academic Year