These programme regulations should be read in conjunction with the University's core regulations for undergraduate programmes, and the marking and classification conventions for undergraduate programmes.

MPhys Physics (F301)

1. This programme is available at Durham City, in a full-time mode of study.

Level 1 (Certificate)

2. Candidates shall study and be assessed in the following modules:

		Credit value
Foundations of Physics 1	PHYS1122	40
Discovery Skills in Physics	PHYS1101	20

3. Either: Candidates shall also study and be assessed in the following modules:

		Credit value
Single Mathematics A #	MATH1561	20
Single Mathematics B #	MATH1571	20

Or: Candidates shall also study and be assessed in the following modules:

		Credit value
Linear Algebra I #	MATH1071	20
Calculus I #	MATH1061	20

4. Candidates shall also study and be assessed in modules to the value of 20 credits offered by any board of studies (including appropriate credit-bearing language modules offered by the University's Centre for Foreign Language Study).

Level 2 (Diploma)

5. Candidates shall study and be assessed in the following modules:

		Credit value
Foundations of Physics 2A	PHYS2581	20
Foundations of Physics 2B	PHYS2591	20
Mathematical Methods in Physics	PHYS2611	20
Laboratory Skills and Electronics	PHYS2641	20

6. Candidates shall also study and be assessed in modules to the value of 40 credits from List A:

List A:		**Credit value**
Stars and Galaxies	PHYS2621	20
Theoretical Physics 2	PHYS2631	20
Physics in Society	PHYS2651	20

Level 3 (Degree)

7. Candidates shall study and be assessed in the following modules:

		Credit value
Foundations of Physics 3A	PHYS3621	20
Foundations of Physics 3B	PHYS3631	20
Computing Project	PHYS3561	20

8. Candidates shall also study and be assessed in modules to the value of 20 credits from List B:

List B:		**Credit value**
Mathematics Workshop	PHYS3591	20
Laboratory Project	PHYS3601	20

9. Candidates shall also study and be assessed in modules to the value of 40 credits from List C (subject to timetable compatibility):

List C:		**Credit value**
Team Project	PHYS3581	20

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Mathematics Workshop	PHYS3591	20
Laboratory Project	PHYS3601	20
Physics into Schools	PHYS3611	20
Planets and Cosmology 3	PHYS3651	20
Theoretical Physics 3	PHYS3661	20
Condensed Matter Physics 3	PHYS3711	20
Modern Atomic and Optical Physics 3	PHYS3721	20

Level 2 or Level 3 modules to the value of 20 credits offered by another Board of Studies, or appropriate credit-bearing Level 1 language modules to the value of 20 credits offered by the University's Centre for Foreign Language Study.

Level 4 (Degree)

10. Candidates shall study and be assessed in the following modules:

		Credit value
Project	PHYS4213	60

11. Candidates shall also study and be assessed in modules to the value of 60 credits from Lists D and E, with no more than 40 credits from List E:

List D:		**Credit value**
Atoms, Lasers and Qubits	PHYS4121	20
Advanced Condensed Matter Physics	PHYS4151	20
Either: Advanced Theoretical Physics	PHYS4141	20
Or: Particle Theory	PHYS4181	20
Either: Advanced Astrophysics	PHYS4161	20
Or: Theoretical Astrophysics	PHYS4201	20

Level 4 modules to the value of 20 credits offered by another Board of Studies.

List E:		**Credit value**
Planets and Cosmology 4	PHYS4231	20
Theoretical Physics 4	PHYS4241	20
Condensed Matter Physics 4	PHYS4271	20
Modern Atomic and Optical Physics 4	PHYS4281	20

Assessment, progression and award

12. Modules marked with a # must be passed at 40% or above in order to progress to the Ordinary Degree at the next level.
13. Students who have successfully completed Levels 1, 2 and 3 of the MPhys Physics in accordance with the Core Regulations may change their registration to the MPhys Theoretical Physics or MPhys Physics and Astronomy, subject to having taken the required modules and to approval by the Department.
14. Students who fail to achieve the standard required under the Core Regulations for progression to Level 3 of the MPhys Physics but who achieve the standard required for progression to Level 3 of a Bachelors programme may progress to Level 3 of the BSc Physics in the Honours or Ordinary stream in accordance with the Core Regulations.
15. A student who is qualified to progress from Level 2 to Level 3 of the MPhys Physics but wishes to transfer to Level 3 of the BSc Physics shall be permitted to do so.
16. Students whose achievement at the end of Level 3 does not qualify them to proceed to Level 4 may be awarded the degree of BSc Physics at either Honours or Ordinary level in accordance with the Core Regulations for the award of a Bachelors degree.
17. Students whose achievement at the end of Level 4 does not qualify them to be awarded the degree of MPhys Physics may be awarded the degree of Bachelor of Science (BSc) with Honours in accordance with the Core Regulations for the award of a Bachelors degree.

Professional accreditation

18. This programme is accredited by the Institute of Physics until February 2024.